



EloFIT

PRICE SHEET 2026 MARCH

Polyethylene Fittings
for Gas & Water **Under Pressure**



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Production Operations & Administration Center - NUPI AMERICAS INC. - Early Branch (SC)

Nupi Americas has its roots in Italy through NUPI S.p.A. and GECO System S.p.A. – companies both founded **in the early 1970s** – that merged to become NUPIGECO S.p.A. in 2008. In October 2015, NUPIGECO S.p.A., changed its name to NUPI INDUSTRIE ITALIANE S.p.A.

NUPI INDUSTRIE ITALIANE and Nupi Americas together **develop and manufacture piping systems for use in industrial, sanitary (plumbing), HVAC, waterworks, gas and irrigation markets.** Relying on experience and constant growth, our companies have proven to be cutting edge manufacturers, ready to meet the needs of the market while also protecting the environment.

In 1995, following the completion of an extensive Research and Development program, we introduced a new range of **revolutionary piping systems specifically designed for petroleum, chemical and petrochemical applications.** Since then, two special piping systems made of **High Density Polyethylene (HDPE)** have been marketed worldwide: **SMARTFLEX for the downstream and OILTECH for the upstream.**

ELOFIT is the High Density Polyethylene system of electrofusion fittings and special components for the conveyance of water and gas under pressure. It is suitable for the conveyance and distribution of drinking water and alimentary fluids, fuel and inert gases and for water treatment plants, centralized instead irrigation and sewage systems, fire protection systems and pipe relining.

NIRON is a complete Polypropylene pipe and fitting system for the distribution of hot and cold water in plumbing and air conditioning systems, for the conveyance of drinking water and alimentary fluids, industrial plants and for the transport of compressed air and chemical substances.

The pipes and fittings that compose the NIRON range are manufactured using **Random Copolymer Polypropylene (PP-RCT), a plastic material with a special molecular structure ensuring high mechanical resistance and duration even at high temperatures and pressures.**



Registered Office and Headquarters - Busto Arsizio (VA)



Production Facility - Castel Guelfo di Bologna (BO)



Production Facility - Imola (BO)



Production Facility - Borsano di Busto Arsizio (VA)

More product ranges marketed by Nupi Americas are **ELOPRESS** - a complete range of PP fittings for the distribution of drinking water and alimentary fluids. **ELAMID** - a complete piping system made of Polyamide 12 that satisfies high performance requirements in gas supply applications and **SMARTCONDUIT** - designed to contain electrical and communication cables in high groundwater or hydrocarbon- rich environments.

Our trademarked systems are real **system solutions**, covering a wide range of applications, reducing costs, avoiding waste and increasing productivity. Thanks to their quality, these products have passed many different tests and have **obtained the most prestigious certificates** and listings, in line with the regulations of the five continents for the construction of water and gas networks and systems for the transport of fuels.

Producing better quality and being cost effective is the goal, which is made easier everyday by new technology.

Our companies are **continuously investing in research and development programs**, while strengthening our production systems operated by a sophisticated technology that guarantees the highest quality of products. Our facilities use modern state-of-the-art computer controlled production equipment and methods that **guarantee products of the highest quality together with continuous quality control systems**.

On these solid foundations NUPI INDUSTRIE ITALIANE and Nupi Americas demonstrate leadership throughout the thermoplastic piping industry.

Our customers can rely on the best quality materials and precise manufacture instead, obtained through completely automated production systems and continuous on-time deliveries, resulting in timely deliveries which allow planning to be done in real time.

Customer satisfaction is pursued through high quality products and the constant attention to our customers' needs and requirements and by means of an effective team of people in post-sales service effective and precise technical assistance and intensive training of installers.

Niron Clima All-Pro™ is a preinsulated system that is based on our advanced Niron PP-RCT piping systems. It is the newest addition to the growing range of products from Nupi Americas and Nupi Industrie Italiane.

State of the Art Products for the transport of liquid and gaseous fluids using systems made of plastic material



Sanitary systems

Heating systems

Water pipelines

Gas pipelines

Irrigation

Transport of food fluids

Air conditioning

Cooling

Industrial installations

Petroleum industry

Chemical industry

Petrochemical industry



Our strengths

- Exports established in more than 70 countries on 5 continents
- Worldwide after-sales assistance
- Recognized technical leader in combined material extrusion and pipe fusion technology
- Production of pipes and fittings from 3/8" to 40"
- Training centers established worldwide

Product certificates: ⁽¹⁾



⁽¹⁾ To find out about the certified product range. please refer to the certificates that can be downloaded from our website nupiamericas.com

HDPE ELECTROFUSION FITTINGS AND SPECIAL COMPONENTS FOR WATER AND GAS UNDER PRESSURE.

ELOFIT is a PEHD - High Density Polyethylene PE100 - **system** of fittings for electrofusion and butt-fusion. PE-metal transition fittings and special components for the conveyance of fluids under pressure.

ELOFIT fittings are manufactured and certified by the most prestigious international certification bodies. They comply with the provisions of the National Regulations for gas distribution networks and water for human consumption.

ELOFIT fittings are produced by injection molding or fabricated from High Density Polyethylene (PE100) and achieve outstanding performance in terms of:

- Resistance to corrosion
- Resistance to stray currents
- Resistance to impact
- Resistance to chemical agents
- Abrasion resistance
- Resistance to micro-organisms
- Non-toxicity
- Reliability for more than 50 years

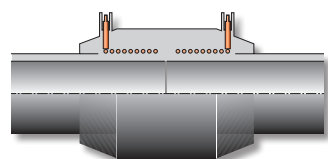
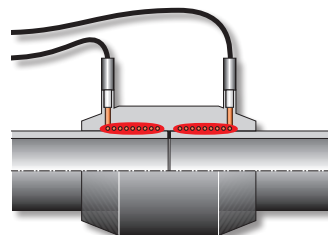
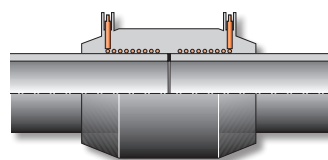
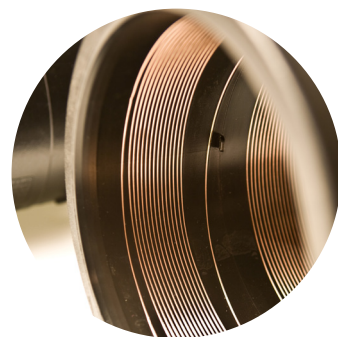
ELOFIT fittings are suitable for the conveyance and distribution of drinking water, alimentary fluids, gaseous fuels, industrial fluids, compatible chemicals, as well as for drainage and sewerage, wastewater treatment, irrigation, fire protection systems.

ELOFIT fittings are installed by electrofusion or butt fusion in pipelines with traditional laying or alternative techniques as pipe relining.

In the electrofusion fittings, the electrical resistors are steadily housed inside the PE layer and connected to external cable terminals.

When power is applied through a specific welding unit, PE Polyethylene 13 the current moves through the resistors and generates the heat needed to melt the PE. Energy is transmitted directly and exclusively to the surface at pipe-fitting interface, producing fusion welding of the two parts. Once cooled, the assembly is even, strong, safe and reliable.

The main features of **ELOFIT** fittings are high quality and reliability of the weld.



Code:	Nupi Americas item code
ND. OD:	Nominal Diameter/Outside Diameter - Pipe or fitting external diameter in inches
SDR:	Standard Nominal Ratio: ratio of pipe outside diameter to wall thickness (d_e/s)
Max Hole:	For tapping tees it indicates the dimension of the drilled hole. For branch saddles it indicates the usable hole size as declared by Nupi Americas
Pack.:	Minimum quantity per pack (Packaging can change without any notice due to company needs)
Q.ty pallet:	Quantity per pallet
Weight lb/p:	Item weight per lb/piece
Volume ft³/p:	Item volume - (Cubic feet)
Price Each	Price per feet or per piece <u>All prices shown are in US Dollars</u>
	The brass used is SUITABLE for transportation of fluids for human consumption
	The brass used is NOT SUITABLE for transportation of fluids for human consumption
	The stainless steel is SUITABLE for transportation of fluids for human consumption
	Pipes and Fittings FM 1635 Approved (Rated Working Pressure 12.1 bar - 175 PSI). For the updated product range, please refer to the certificate on our website nupiamericas.com

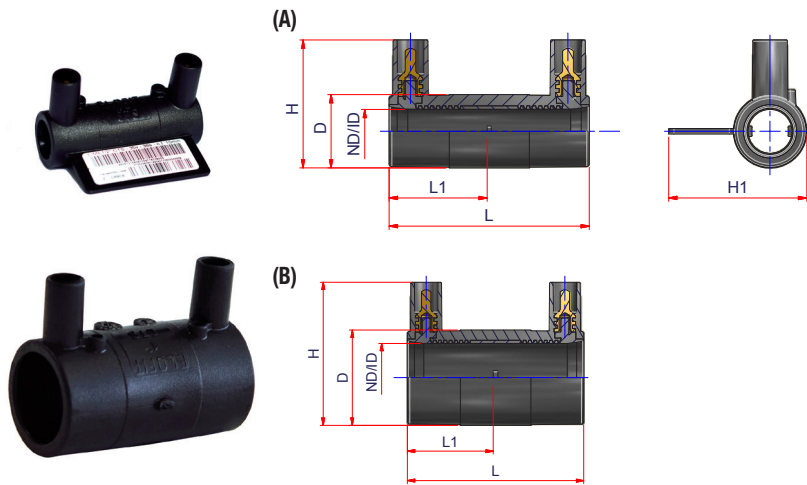
Note: We have made every attempt to report accuracy of the dimensions shown. However, we reserve the right to vary dimensions without notice, as the design of fittings change from time to time. Please consult the factory or your Niron representative for the most current dimensional information regarding the parts shown herein.

EloFIT

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POLYETHYLENE FITTINGS FOR GAS & WATER UNDER PRESSURE

ELECTROFUSION FITTINGS



ELECTROFUSION COUPLER

⁽¹⁾ Weldable on pipe DR 10 - 9 - 7

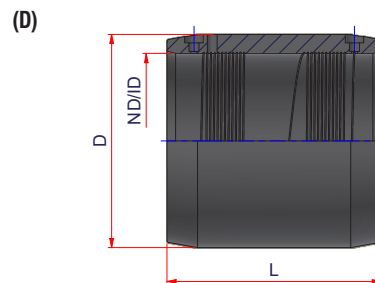
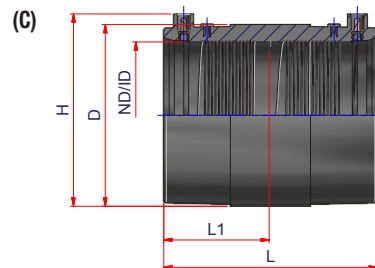
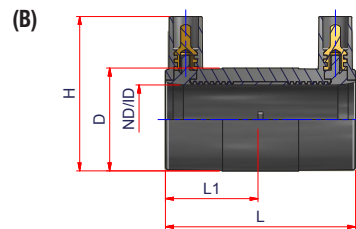
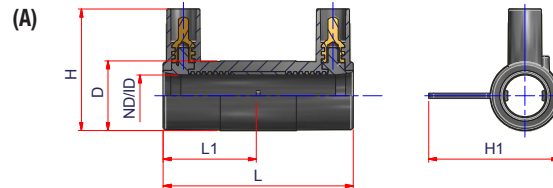
⁽²⁾ Weldable on pipe DR 12.5 - 11.5 - 11

Electrofusion coupler with removable stoppers

PE4710 230PSI SDR11 • CTS

Code	Type	Nominal Diameter ϕ (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	ND (CTS)	ID	L1	L	D	H	H1	Price Each (\$)
12EIME012C ⁽¹⁾	A	½" CTS	150	4050	0.110	0.0034	½" CTS	0.625	1.42	2.91	1.06	1.89	2.01	11.05
12EIME01C ⁽²⁾	B	1" CTS	40	2080	0.151	0.0064	1" CTS	1.125	1.42	2.91	1.59	2.40	-	11.68

ELECTROFUSION FITTINGS



ELECTROFUSION COUPLER

⁽¹⁾ Weldable on pipe DR 11 - 7

⁽²⁾ Weldable on pipe DR 17 - 15.5 - 13.5 - 11

Electrofusion coupler with removable stoppers

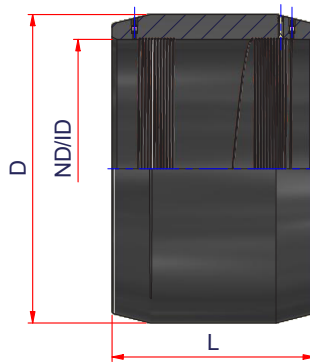
PE4710 230PSI SDR11 • IPS

Code	Type	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	ND (IPS)	ID	D	L1	L	H1	H	FM APPROVED	Price Each (\$)
12EIME012 ⁽¹⁾	A	½" IPS	120	3240	0.110	0.007	½"	0.84	1.18	1.37	2.76	2.17	2.01		11.05
12EIME034 ⁽¹⁾	B	¾" IPS	100	2700	0.138	0.0065	¾"	1.05	1.59	1.44	2.95	-	2.4		11.05
12EIME01 ⁽¹⁾	B	1" IPS	80	2160	0.155	0.0079	1"	1.315	1.79	1.44	2.95	-	2.59		14.47
12EIME114 ⁽¹⁾	B	1" ¼ IPS	30	1560	0.257	0.0133	1" ¼	1.66	2.28	1.63	3.35	-	3		16.18
12EIME112 ⁽¹⁾	B	1" ½ IPS	40	1080	0.361	0.018	1" ½	1.90	2.64	1.69	3.47	-	3.4		20.02
12EIME02 ⁽²⁾	B	2" IPS	30	810	0.578	0.0263	2"	2.37	3.07	1.89	3.86	-	3.83	245 PSI	19.56
12EIME03 ⁽²⁾	C	3" IPS	32	384	1.189	0.0758	3"	3.50	4.45	2.83	5.75	-	5.12	245 PSI	33.90
12EIME04 ⁽²⁾	C	4" IPS	22	264	1.529	0.1223	4"	4.50	5.51	3.11	6.3	-	6.09	245 PSI	52.24
12EIME06 ⁽²⁾	C	6" IPS	30	96	3.538	0.2757	6"	6.62	7.99	3.51	7.09	-	8.41	245 PSI	129.63
12EIME08 ⁽²⁾	C	8" IPS	48	48	9.130	0.5589	8"	8.62	10.71	4.17	8.35	-	10.8	245 PSI	173.54

All measures are in inches unless otherwise mentioned.

We reserve the right to vary dimensions without notice; check the web site for the updated dimensions.

ELECTROFUSION FITTINGS



ELECTROFUSION COUPLER

Weldable on pipe DR 17 - 15.5 - 13.5 - 11 - 9.3 - 9 - 7.3
With pre-heating bar code

PE4710 230PSI SDR11 • IPS

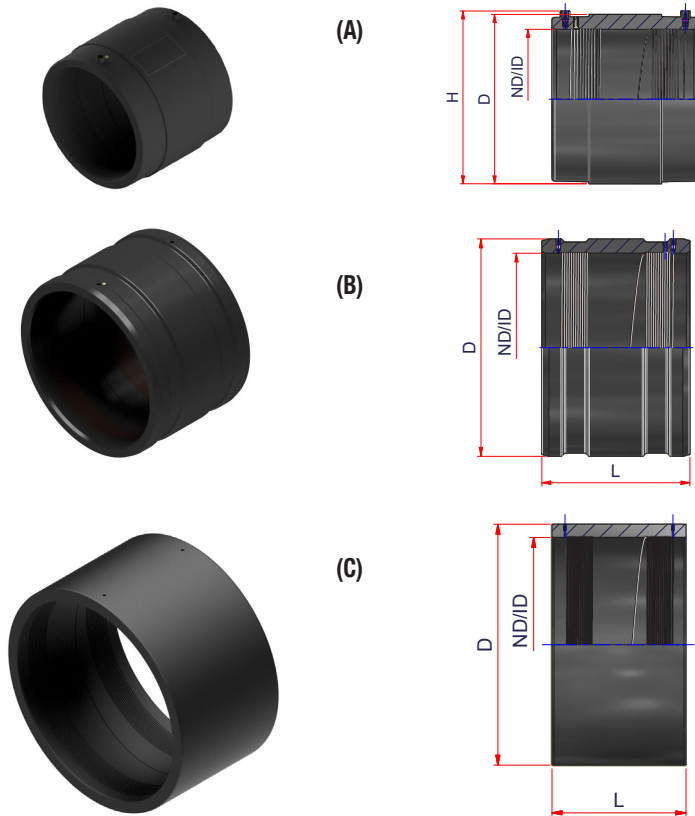
Code	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	ND (IPS)	ID	D	L		Price Each (\$)
12EIME10	10" IPS	21	21	15.295	1.0898	10"	10.75	13.31	10.63	245 PSI	330.29
12EIME12	12" IPS	18	18	25.784	1.6104	12"	12.75	15.35	11.81	200 PSI	500.52
12EIME14	14" IPS	12	12	36.422	1.9129	14"	14	16.73	11.81	200 PSI	680.09
12EIME16	16" IPS	9	9	44.733	2.5851	16"	16	18.98	12.4	200 PSI	831.12
12EIME18	18" IPS	6	6	43.641	3.5288	18"	18	21.34	13.35	200 PSI	1,248.94
12EIME20	20" IPS	4	4	75.900	4.8628	20"	20	23.7	14.96	200 PSI	1,470.05
12EIME22	22" IPS	3	3	111.467	6.3429	22"	22	26.38	15.75	200 PSI	2,046.39
12EIME24	24" IPS	3	3	108.900	7.6617	24"	24	28.43	16.38	200 PSI	2,493.71

PE4710 230PSI SDR11 • DIPS

With pre-heating bar code from ø10"

Code	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	ND (DIPS)	ID	D	L	Price Each (\$)
12EIMED06	6" DIPS	1	-	4.884	0.3175	6"	6.90	8.35	7.87	161.21
12EIMED08	8" DIPS	44	44	8.263	0.5922	8"	9.05	10.87	8.66	228.34
12EIMED10	10" DIPS	21	21	16.478	1.0898	10"	11.10	13.31	10.63	398.94
12EIMED12	12" DIPS	10	10	19.906	1.4403	12"	13.20	15.59	10.24	666.36
12EIMED14	14" DIPS	12	12	25.500	2.4772	14"	15.30	18.58	12.40	878.57
12EIMED16	16" DIPS	6	6	51.332	3.5182	16"	17.40	21.34	13.35	1,240.76
12EIMED18	18" DIPS	4	4	58.700	4.7648	18"	19.50	23.46	14.96	1,530.32
12EIMED20	20" DIPS	3	3	85.690	5.9687	20"	21.60	25.59	15.75	2,014.67
12EIMED24	24" DIPS	2	2	125.950	8.7376	24"	25.80	30.51	16.22	3,210.12

ELECTROFUSION FITTINGS



ELECTROFUSION COUPLER

Weldable on pipe DR 21 - 17 - 15.5 - 13.5 - 11
With pre-heating bar code from ø10"

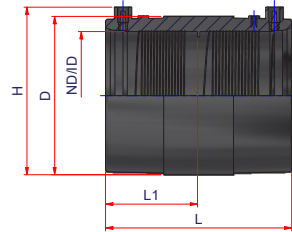
PE4710 160PSI SDR17 • IPS

Code	Type	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	ND (IPS)	ID	D	H	L	Price Each (\$)
12DIME08	A	8" IPS	44	44	8.300	0.5951	8"	8.6250	10.51	10.74	9.110	142,50
12DIME10	A	10" IPS	32	32	15.419	1.0625	10"	10.750	13.07	13.13	10.63	297,10
12DIME12	A	12" IPS	24	24	13.472	1.249	12"	12.750	14.80	14.78	11.22	436,54
12DIME14	A	14" IPS	12	12	14.337	1.6582	14"	14.000	16.22	15.71	11.81	584,31
12DIME16	A	16" IPS	6	12	19.742	2.2591	16"	16.000	18.46	17.91	12.40	680,09
12DIME18	A	18" IPS	1	-	31.989	3.2876	18"	18.000	20.71	20.59	13.39	1,211.45
12DIME20	B	20" IPS	4	4	46.004	4.544	20"	20.000	22.91	-	14.96	1,418.14
12DIME22	B	22" IPS	3	3	68.61	5.9873	22"	22.000	24.80	-	15.75	1,900.50
12DIME24	B	24" IPS	3	3	80.308	7.2838	24"	24.000	27.72	-	16.38	2,325.93
12DIME28	C	28" IPS	1	2	106.9	10.0108	28"	28.000	31.50	-	18.90	4,500.00
12DIME30	C	30" IPS	1	-	107.11	11.1529	30"	30.000	33.86	-	17.32	5,300.00
12DIME32	C	32" IPS	1	-	111.44	12.9306	32"	32.000	35.43	-	19.68	6,083.00
12DIME36	C	36" IPS	1	-	127.99	16.6661	36"	36.000	39.37	-	19.68	7,690.00
12DIME40	C	40" IPS	1	-	199.38	22.096	40"	40.000	44.49	-	20.48	9,500.00
12DIME42	C	42" IPS	1	-	261.62	26.4359	42"	42.000	47.24	-	20.47	10,480.00

ELECTROFUSION FITTINGS



(A)



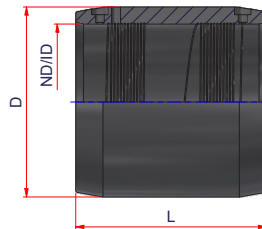
ELECTROFUSION COUPLER

Weldable on pipe DR7-9-11-17

With pre-heating barcode from Ø10"



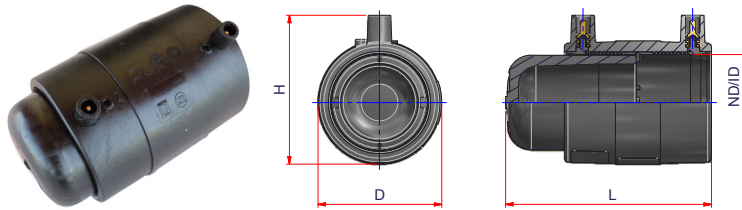
(B)



PE4710 380PSI SDR7 • IPS

Code	Type	Nominal Diameterø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	ND (IPS)	ID	L1	L	D	H		Price Each (\$)
12GIME04	A	4"IPS	30	60	1.722	0.1223	4"	4.5	5.51	3.11	6.3	6.09	335PSI	210,00
12GIME06	B	6"IPS	30	60	6.475	0.3556	6"	6.625	8.62	-	8.27	-	335PSI	222,45
12GIME08	B	8"IPS	33	33	12.818	0.7033	8"	8.625	11.34	-	9.45	-	335PSI	407,83
12GIME10	B	10"IPS	12	12	23.995	1.3014	10"	10.75	14.17	-	11.2	-	335PSI	933,65
12GIME12	B	12"IPS	10	10	31.804	1.808	12"	12.75	16.54	-	11.42	-	335PSI	1,522.20
12GIME14	B	14"IPS	12	12	40.091	2.3121	14"	14	17.95	-	12.4	-	335PSI	2,687.36
12GIME16	B	16"IPS	1	-	48.572	2.9635	16"	16	20.16	-	12.6	-	335PSI	3,680.99
12GIME18	B	18"IPS	1	-	78.756	4.6237	18"	18	23.11	-	14.96	-	335PSI	5,221.80
12GIME20	B	20"IPS	1	-	105.82	6.0811	20"	20	25.83	-	15.75	-	335PSI	5,905.26
12GIME24	B	24"IPS	1	-	140.6	8.8238	24"	24	30.51	-	16.38	-	335PSI	6,791.00

ELECTROFUSION FITTINGS



ELECTROFUSION END CAP

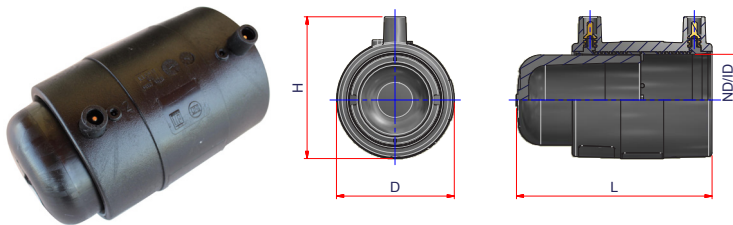
⁽¹⁾ Weldable on pipe DR 10 - 9 - 7

⁽²⁾ Weldable on pipe DR 12.5 - 11

Item composed by long spigot end cap + electrofusion coupler

PE4710 230PSI SDR11 • CTS

Code	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	ND (CTS)	ID	D	H	L	Price Each (\$)
12EICALE012C ⁽¹⁾	½" CTS	1	-	-	0.0042	½"	0.625	1.06	1.89	3.66	14.93
12EICALE01C ⁽²⁾	1" CTS	1	-	-	0.0083	1"	1.125	1.59	2.40	3.75	16.87



ELECTROFUSION END CAP

⁽¹⁾ Weldable on pipe DR 11 - 10

⁽²⁾ Weldable on pipe DR 17 - 15.5 - 13.5 - 11

Item composed by long spigot end cap + electrofusion coupler

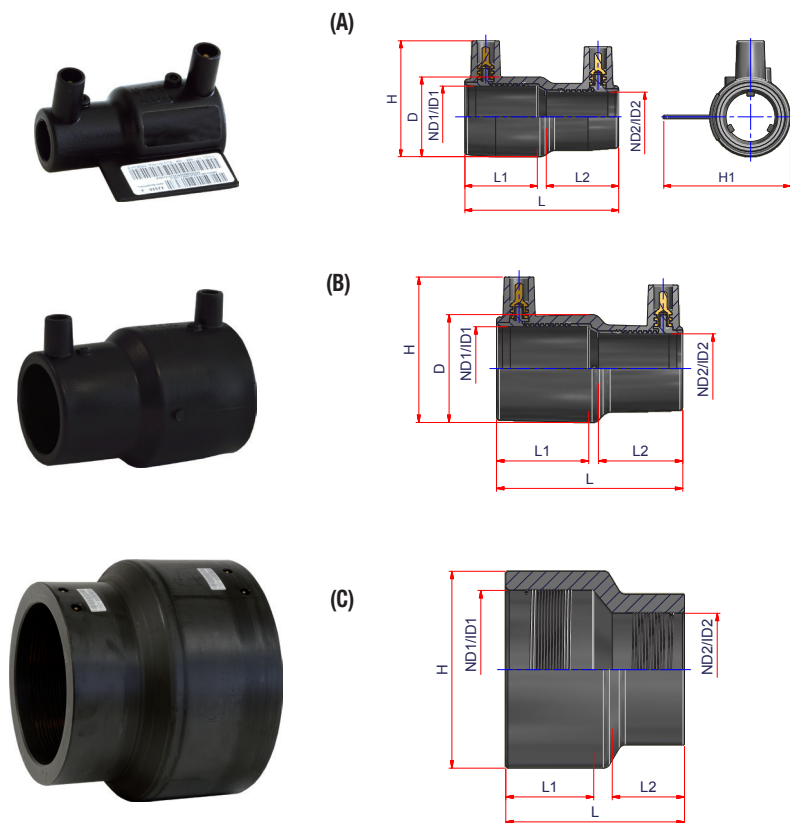
PE4710 230PSI SDR11 • IPS

Code	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	ND (IPS)	ID	D	H	L	Price Each (\$)
12EICALE34 ⁽¹⁾	¾" IPS	1	-	-	0.0077	¾"	1.050	1.59	2.40	3.50	16.23
12EICALE01 ⁽¹⁾	1" IPS	1	-	-	0.0093	1"	1.315	1.79	2.40	3.75	16.87
12EICALE114 ⁽¹⁾	1"¼ IPS	1	-	-	0.0154	1"¼	1.660	2.16	2.91	4.23	21.41
12EICALE02 ⁽²⁾	2" IPS	1	-	-	0.0412	2"	2.375	3.11	3.88	5.90	24.66
12EICALE03 ⁽²⁾	3" IPS	1	-	-	0.0914	3"	3.500	4.45	5.04	7.04	53.20
12EICALE04 ⁽²⁾	4" IPS	1	-	-	0.1531	4"	4.500	5.59	6.14	7.71	78.52
12EICALE06 ⁽²⁾	6" IPS	1	-	-	0.3635	6"	6.625	8.03	8.42	9.29	173.89
12EICALE08 ⁽²⁾	8" IPS	1	-	-	0.6501	8"	8.625	11.02	11.02	9.25	266.02

All measures are in inches unless otherwise mentioned.

We reserve the right to vary dimensions without notice; check the web site for the updated dimensions.

ELECTROFUSION FITTINGS



ELECTROFUSION REDUCER

⁽¹⁾ Weldable on pipe DR 12.5 - 11.5 - 11

⁽²⁾ Weldable on pipe DR 11

PE4710 230PSI SDR11 • IPS

Code	Type	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	ND1	ID1	L1	ND2	ID2	L2	D	L	H	H1	Price Each (\$)
12EIRDE034034C ⁽²⁾	A	¾"IPS x ¾"CTS	40	1920	0.165	0.0084	¾" IPS	1.05	1.57	¾" CTS	0.88	1.50	1.70	3.3	2.5	2.8	16.87
12EIRDE034012C ⁽²⁾	A	¾"IPS x ½"CTS	1	96	0.166	0.0082	¾" IPS	1.05	1.57	½" CTS	0.63	1.50	1.70	3.3	2.5	2.5	14.93
12EIRDE034012 ⁽²⁾	A	¾"IPS x ½"IPS	20	1760	0.18	0.0084	¾" IPS	1.05	1.57	½" IPS	0.84	1.50	1.70	3.3	2.5	2.8	14.93
12EIRDE01C012C ⁽¹⁾	A	1"CTS x ½"CTS	1	-	0.157	0.0082	1" CTS	1.125	1.57	½" CTS	0.63	1.50	1.70	3.3	2.5	2.8	14.93
12EIRDE01C034 ⁽¹⁾	A	1"CTS x ¾"IPS	20	1800	0.156	0.0084	1" CTS	1.125	1.57	¾" IPS	1.05	1.60	1.70	3.3	2.5	2.8	14.93
12EIRDE01034 ⁽²⁾	A	1"IPS x ¾"IPS	20	1800	0.133	0.0084	1" IPS	1.315	1.57	¾" IPS	1.05	1.60	1.70	3.3	2.5	2.8	14.93
12EIRDE114114C ⁽²⁾	B	1"¼IPS x 1"¼CTS	20	1800	0.174	0.013	1"¼ IPS	1.66	1.85	1"¼ CTS	1.38	1.70	2.10	3.7	2.9	-	27.91
12EIRDE02112 ⁽²⁾	B	2"IPS x 1"½IPS	18	936	0.501	0.0341	2" IPS	2.375	2.24	1"½ IPS	1.90	2.00	3.20	4.7	3.9	-	59.24
12EIRDE02114 ⁽²⁾	B	2"IPS x 1"¼IPS	12	576	0.461	0.0341	2" IPS	2.375	2.24	1"¼ IPS	1.66	1.80	3.20	4.7	3.9	-	59.24
12EIRDE0302 ⁽²⁾	B	3"IPS x 2"IPS	30	360	1.115	0.0803	3" IPS	3.5	2.89	2" IPS	2.38	2.60	4.60	6	5.1	-	61.18
12EIRDE0402 ⁽²⁾	B	4"IPS x 2"IPS	24	288	1.076	0.1095	4" IPS	4.5	2.85	2" IPS	2.38	2.50	5.20	6.2	5.9	-	78.17
12EIRDE0403 ⁽²⁾	B	4"IPS x 3"IPS	24	288	1.338	0.1095	4" IPS	4.5	2.89	3" IPS	3.50	2.70	5.20	6.2	5.9	-	111.89
12EIRDE0604 ⁽²⁾	B	6"IPS x 4"IPS	12	144	3.256	0.264	6" IPS	6.625	3.23	4" IPS	4.50	3.00	7.70	7.3	8.2	-	111.89
12EIRDE0806 ⁽²⁾	C	8"IPS x 6"IPS	1	-	9.866	0.6954	8" IPS	8.625	3.23	6" IPS	6.63	4.10	11	10	-	-	295.22

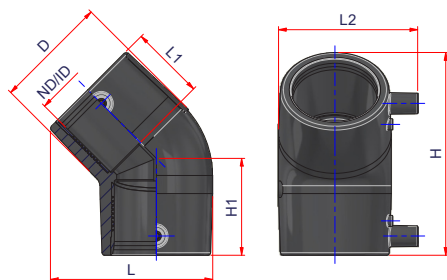
All measures are in inches unless otherwise mentioned.

We reserve the right to vary dimensions without notice; check the web site for the updated dimensions.

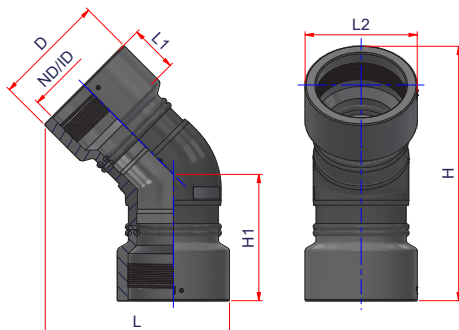
ELECTROFUSION FITTINGS



(A)



(B)



45° E/F ELBOW

Single wire

Weldable on pipe DR 17 - 15.5 - 13.5 - 11

PE4710 230PSI SDR11 • IPS

Code	Type	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	ND (IPS)	ID	D	L1	L2	L	H1	H	Price Each (\$)
12EICEM02	A	2" IPS	20	540	0.726	0.0505	2"	2.375	3.23	2.13	3.98	4.65	2.78	5.81	58.40
12EICEM03	A	3" IPS	16	192	2.024	0.1766	3"	3.500	4.68	2.75	5.27	6.63	3.24	8.17	97.32
12EICEM04	A	4" IPS	1	-	-	-	4"	4.500	5.39	3.26	6.06	7.74	4.48	9.49	129.77
12EICEM06	A	6" IPS	6	-	8.688	0.6683	6"	6.625	8.58	3.54	9.06	11.06	5.39	12.17	406.47
12EICEM08	B	8" IPS	1	-	25.373	2.6898	8"	8.625	10.77	4.53	10.77	17.68	12.13	24.41	528.14

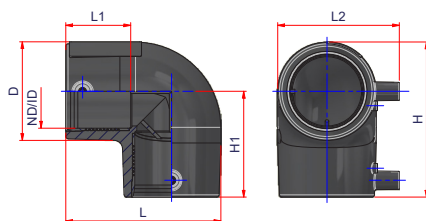
All measures are in inches unless otherwise mentioned.

We reserve the right to vary dimensions without notice; check the web site for the updated dimensions.

ELECTROFUSION FITTINGS



(A)



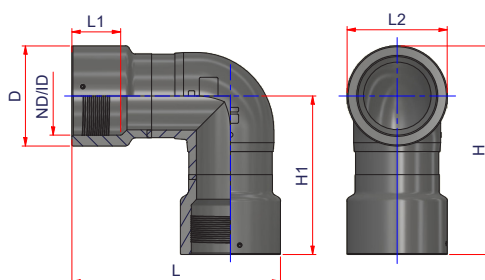
90° E/F ELBOW

Single wire

Weldable on pipe DR 17 - 15.5 - 13.5 - 11



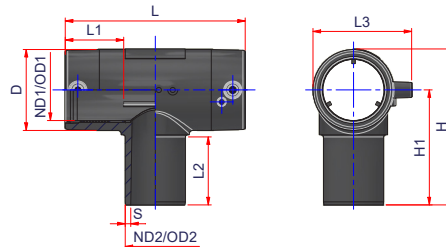
(B)



PE4710 230PSI SDR11 • IPS

Code	Type	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	ND (IPS)	ID	D	L1	L2	L	H1	H	Price Each (\$)
12EIGEM02	A	2" IPS	20	540	0.814	0.0482	2"	2.375	3.23	2.17	4.02	5.08	3.46	5.08	58.40
12EIGEM03	A	3" IPS	14	168	2.451	0.1390	3"	3.500	4.70	2.76	5.28	7.15	4.80	7.15	97.32
12EIGEM04	A	4" IPS	10	168	2.998	0.2326	4"	4.500	5.51	3.27	6.06	8.54	5.66	8.54	129.77
12EIGEM06	A	6" IPS	10	40	18.150	0.6554	6"	6.625	8.46	3.58	8.98	11.57	7.28	11.57	406.47
12EIGEM08	B	8" IPS	1	-	29.941	2.5154	8"	8.625	10.78	4.53	10.77	20.08	14.69	20.08	528.14

ELECTROFUSION FITTINGS



ELECTROFUSION EQUAL TEE WITH SPIGOT END

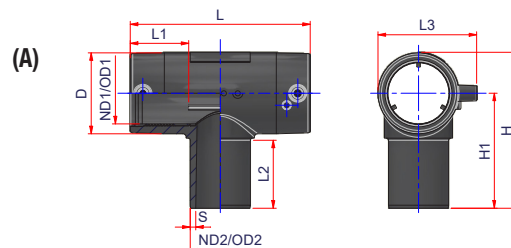
Single wire

⁽¹⁾ Weldable on pipe DR 10 - 9 - 7

⁽²⁾ Weldable on pipe DR 12.5 - 11.5 - 11

PE4710 230PSI SDR11 • CTS

Code	Nominal Diameter ϕ (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	ND1 (CTS)	ID1	L1	ND2 (CTS)	OD2	D	S	L2	L3	L	H1	H	Price Each (\$)
12EITCE012C ⁽¹⁾	½" CTS	20	1920	0.381	0.0084	½"	0.625	1.56	½"	0.625	1.26	0.090	1.85	2.04	3.54	2.62	3.25	16.23
12EITCE01C ⁽²⁾	1" CTS	70	1890	0.245	0.0054	1"	1.125	1.56	1"	1.125	1.73	0.101	1.97	4.33	2.16	2.95	2.52	16.23

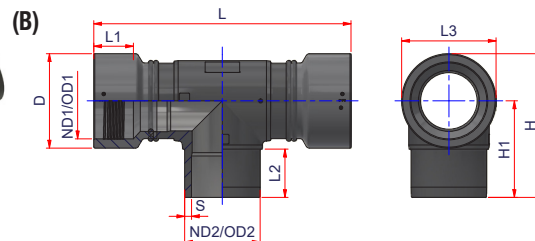


ELECTROFUSION EQUAL TEE WITH SPIGOT END

Single wire

⁽¹⁾ Weldable on pipe DR 11

⁽²⁾ Weldable on pipe DR 17 - 15.5 - 13.5 - 11



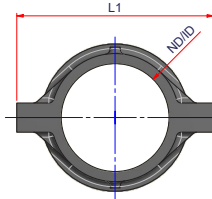
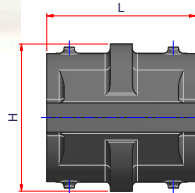
PE4710 230PSI SDR11 • IPS

Code	Type	Nominal Diameter ϕ (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	ND1 (IPS)	ID1	L1	ND2 (IPS)	OD2	D	S	L2	L3	L	H1	H	Price Each (\$)
12EITCE114 ⁽¹⁾	A	1" ¼ IPS	15	720	0.379	0.0308	1" ¼	1.660	1.77	1" ¼	1.660	2.25	0.151	2.17	2.99	5.32	3.35	4.45	55.93
12EITCE02 ⁽¹⁾	A	2" IPS	25	288	1.010	0.0411	2"	2.375	2.30	2"	2.375	3.19	0.216	2.76	8.86	7.09	4.53	3.14	66.92
12EITCE03 ⁽²⁾	A	3" IPS	10	120	2.939	0.2073	3"	3.500	2.76	3"	3.500	4.53	0.318	3.31	5.49	9.61	5.91	8.23	132.45
12EITCE06 ⁽²⁾	A	6" IPS	1	-	-	-	6"	6.625	-	6"	6.625	-	0.602	-	-	-	-	-	427.35
12EITCE08 ⁽²⁾	B	8" IPS	1	-	34.502	3.0057	8"	8.625	4.53	8"	8.625	10.77	0.785	5.51	10.77	29.37	11.02	16.42	590.43

All measures are in inches unless otherwise mentioned.

We reserve the right to vary dimensions without notice; check the web site for the updated dimensions.

ELECTROFUSION FITTINGS



BUTT FUSION REPAIR SLEEVE

ELOFIT INCHES BUTT FUSION REPAIR SLEEVE (12EIBFRS) is a safety repair system to be used when, in service, butt-welding cannot be guaranteed, or to repair minor damages on pipe.

EIBFRS can be installed on pressurized pipe made out of PE4710, PE3408, PE3608, PE2708 and PE2406.

EIBFRS must be installed on pipes without fluid leakage.

See installation instruction available on request.

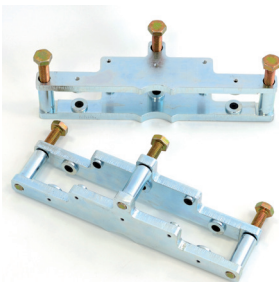
PE4710 SDR11 • IPS

Code	Nominal Diameter Ø (ND)	Fusion range Max DR	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	ND (IPS)	ID	L	L1	H	Price Each (\$)
12EIBFRS114	1"¼ IPS	see instruction	1	90	4.400	0.3800	1"¼	1.660	9.25	7.19	4.20	1,059.68
12EIBFRS02	2" IPS	see instruction	1	52	5.500	0.3800	2"	2.385	9.25	8.29	4.20	1,059.68
12EIBFRS04	4" IPS	see instruction	1	52	5.500	0.6689	4"	4.500	8.76	9.84	6.57	1,234.26
12EIBFRS06	6" IPS	see instruction	1	52	7.040	0.5925	6"	6.625	9.25	12.20	9.13	1,587.51
12EIBFRS08	8" IPS	see instruction	1	27	17.930	1.2713	8"	8.625	9.45	15.25	11.50	2,997.71
12EIBFRS12	12" IPS	see instruction	1	12	25.476	2.8252	12"	12.750	9.45	20.00	15.93	4,056.05

For the installation use the clamping system device (00KITSALDERP) and jumper cables (00KITCAVIERP) supplied on request.

Installation on pipes with max angle 1.5° and max misalignment 0.08".

(A)



(B)



TOOLS FOR REPAIR SLEEVES INSTALLATION

(for codes: 12EIBFRS and 12EIVLRSxx180)

Code	Ref.	Description	Application	Price Each (\$)
00KITSALDERP	A	CLAMPING SYSTEM DEVICE	for 12EIBFRSxx	1,299.38
00KITCAVIERP	B	NR.1 LONG CABLE + NR.2 SHORT CABLES	for 12EIBFRSxx	277.20

ELECTROFUSION FITTINGS



180° VARIABLE LENGTH REPAIR SLEEVE

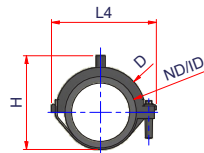
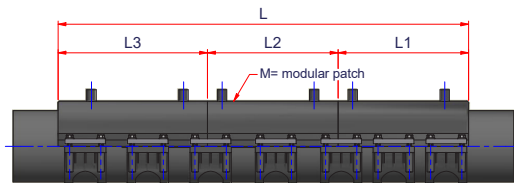
The **ELOFIT INCHES 180° VARIABLE LENGTH REPAIR SLEEVE (12EIVLRSxx180)** is a modular system of electrofusion shells that can be installed contiguously and welded on pipes that have notches, scrapes or damage along the axis.

The standard assembly has 2 modules (**12EIVLRSxx180**); between them it is possible to add the necessary number of additional middle modules (**12EIVLRSxx180M** - also separately available).

Suitable to repair minor damages on pipe without fluid leakage.

The maximum network pressure allowed to weld the fitting on the pipe depends of the polyethylene grade and SDR of the pipe.

See installation instruction available on request



PE4710 SDR11 • IPS

Code	Nominal Diameter ø (ND)	Fusion range Max DR	Pack.	Weight lb/p.	Volume ft³/p.	ND (IPS)	ID	D	L	L1	L2	L3	L4	H	Notes	Price Each (\$)
12EIVLRS114180	1"¼" IPS	see instruction	1+1	1.760	0.3800	1" ¼	1.660	2.30	16.14 (●)	8.66	-	7.48	3.31	2.61	T	705.11
12EIVLRS114180M	1"¼" IPS	see instruction	1	0.614	0.1222	1" ¼	1.660	2.30	23.64 (◇)	8.66	7.51	7.48	3.31	2.61	M	354.56
12EIVLRS02180	2" IPS	see instruction	1+1	1.846	-	2"	2.375	3.01	16.93 (●)	7.87	-	9.06	4.06	3.50	T	705.11
12EIVLRS02180M	2" IPS	see instruction	1	0.839	-	2"	2.375	3.01	24.80 (◇)	7.87	7.87	9.06	4.06	3.50	M	354.56
12EIVLRS04180	4" IPS	see instruction	1+1	4.840	0.5590	4"	4.500	5.67	17.58 (●)	9.37	-	8.22	6.60	5.91	T	882.39
12EIVLRS04180M	4" IPS	see instruction	1	2.420	0.2758	4"	4.500	5.67	25.80 (◇)	9.37	8.22	8.22	6.60	5.91	M	529.17
12EIVLRS06180	6" IPS	see instruction	1+1	5.000	-	6"	6.614	7.80	17.40 (●)	9.19	-	8.22	12.32	8.73	T	1,059.68
12EIVLRS06180M	6" IPS	see instruction	1	3.000	-	6"	6.614	7.80	25.61 (◇)	9.19	8.22	8.22	12.32	8.73	M	705.11

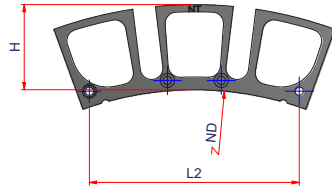
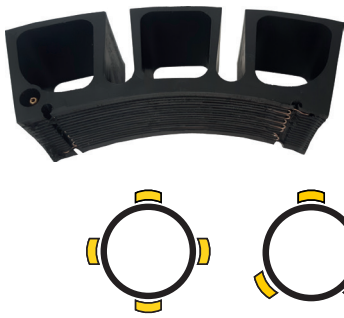
(●) Length for installation of terminal fittings (2 pieces).

(◇) Length for installation of terminal fittings + modular patch (3 pieces). Other modular patches can be added depending of damage.

For the installation use a pair of triple cables (00KITCAVI3VIE) supplied on request (page 22).

T=TERMINAL FITTINGS M= MODULAR PATCH

ELECTROFUSION FITTINGS



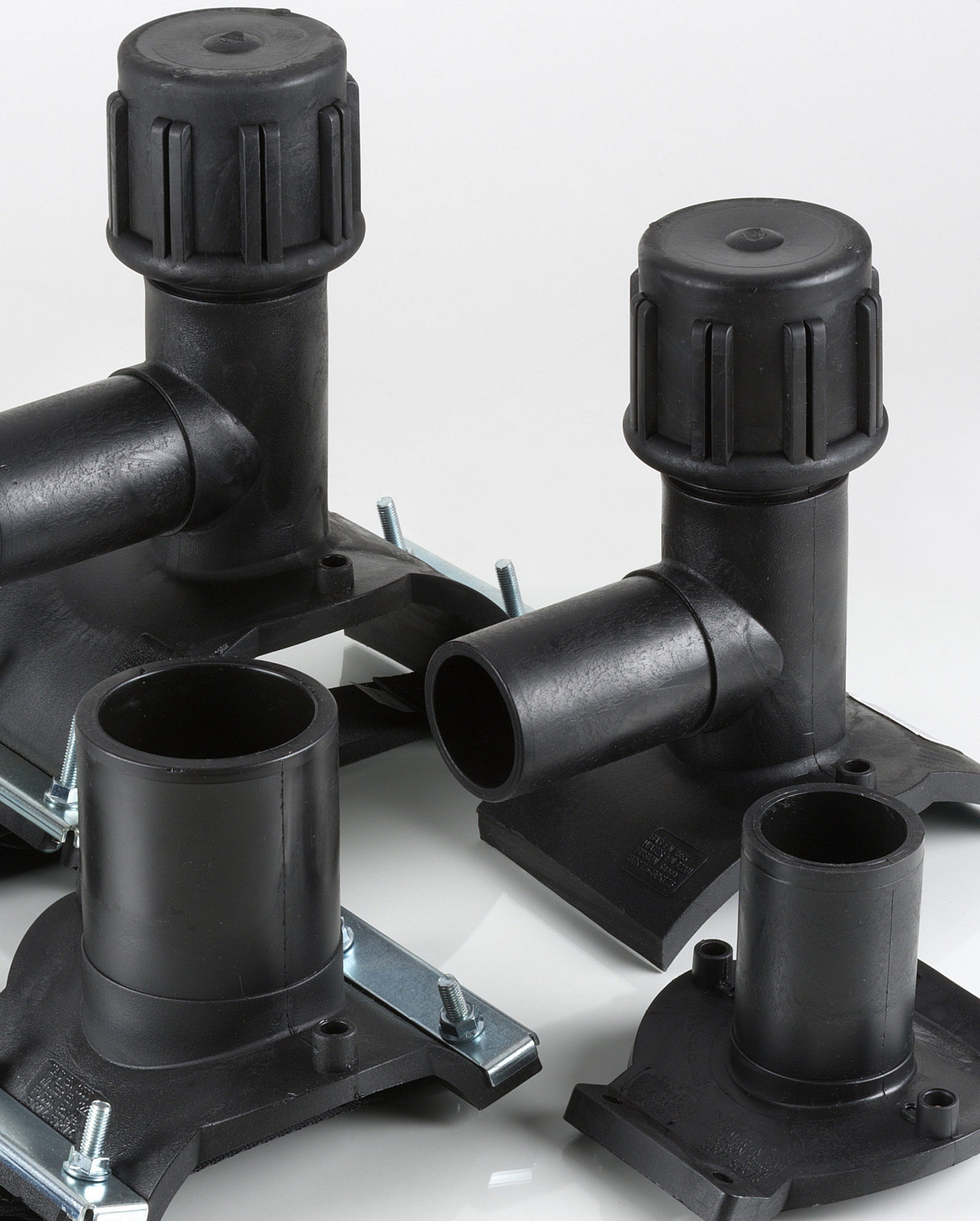
FLEX RESTRAINT MODULAR PIPE STOP

Weldable on pipe DR 17 - 15.5 - 13.5 - 11 - 9.3 - 9 - 7.3 - 7

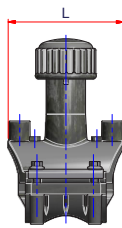
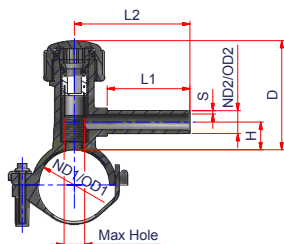
PE4710 230PSI SDR11 • CTS

Code	Nominal Diameter ϕ (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	L2	L3	H	Price Each (\$)
12EFT03	10"÷48"	-	-	0.484	-	5.83	2.20	2.36	71.83

Restraints nr needed for SDR	10"	12"	14"	16"	18"	20"	24"	28"	30"	32"	36"	42"	48"
SDR 9	3	4	4	5	7	8	11	15	18	20	25	34	44
SDR 11	2	3	4	5	6	7	10	13	15	17	21	29	37
SDR 17	2	2	3	3	4	5	7	9	10	11	14	19	25
Max # in circumference	5	6	7	8	9	10	12	14	15	16	18	21	25



ELECTROFUSION FITTINGS



TAPPING TEE WITH RIGID UNDERCLAMP

Weldable on pipe DR 17 - 15.5 - 13.5 - 11 - 9.3 - 9 - 7.3 - 7
(*)PF (min DR) = Maximum Drilling Depth

The same fittings is available with metric outlet upon request.

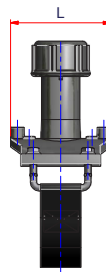
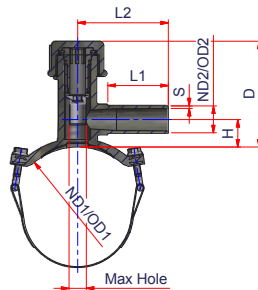
⬡ Hexagonal key for perforation (mm)

PE4710 230PSI SDR11 • IPSxIPS IPSxCTS

Code	Nominal Diameter Ø (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	OD1	OD2	S	H	L1	L2	L	D	Max Hole	⬡	Price Each (\$)
12EIPRES11412C	1"¼ IPS x ½" CTS	40	480	0.875	0.0706	1.660	0.625	0.104	0.90	2.75	3.94	3.94	3.74	0.71	10	35.59
12EIPRES0212C	2" IPS x ½" CTS	40	480	0.930	0.0706	2.375	0.625	0.104	0.98	2.79	3.94	3.94	3.74	0.71	10	31.24
12EIPRES0312C	3" IPS x ½" CTS	30	360	0.917	0.0943	3.500	0.625	0.104	0.87	2.13	3.94	3.94	3.95	0.71	10	33.42
12EIPRES0412C	4" IPS x ½" CTS	25	300	1.170	0.1130	4.500	0.625	0.104	0.87	2.87	3.94	3.94	3.95	0.71	10	37.05
12EIPRES0612C	6" IPS x ½" CTS	20	240	1.408	0.1413	6.625	0.625	0.104	1.00	2.87	3.94	3.94	4.33	0.71	10	45.03
12EIPRES11434	1"¼ IPS x ¾" IPS	30	360	0.761	0.0943	1.660	1.050	0.095	0.90	2.75	3.94	3.94	3.74	0.71	10	35.59
12EIPRES0234	2" IPS x ¾" IPS	40	480	0.957	0.0706	2.375	1.050	0.095	0.98	2.79	3.94	3.94	3.74	0.71	10	31.24
12EIPRES0334	3" IPS x ¾" IPS	30	360	0.942	0.0943	3.500	1.050	0.095	0.87	2.56	3.94	3.94	3.95	0.71	10	33.42
12EIPRES0434	4" IPS x ¾" IPS	30	360	1.239	0.0943	4.500	1.050	0.095	0.87	2.85	3.94	3.94	3.95	0.71	10	37.05
12EIPRES0634	6" IPS x ¾" IPS	20	240	1.408	-	6.625	1.050	0.095	1.00	2.85	3.94	3.94	4.33	0.71	10	45.03
12EIPRES11401C	1"¼ IPS x 1" CTS	50	-	0.840	0.0565	1.660	1.125	0.101	0.90	2.75	3.94	3.94	3.74	0.71	10	35.59
12EIPRES0201C	2" IPS x 1" CTS	40	480	0.952	0.0706	2.375	1.125	0.101	0.94	2.79	3.94	3.94	3.74	0.71	10	31.24
12EIPRES0301C	3" IPS x 1" CTS	25	300	0.867	0.1130	3.500	1.125	0.101	0.87	2.56	3.94	3.94	3.95	0.71	10	33.42
12EIPRES0401C	4" IPS x 1" CTS	20	240	1.023	0.1413	4.500	1.125	0.101	0.87	2.95	3.94	3.94	3.95	0.71	10	37.05
12EIPRES0601C	6" IPS x 1" CTS	20	240	1.485	0.1413	6.625	1.125	0.101	1.00	2.75	3.94	3.94	4.33	0.71	10	45.03
12EIPRES11401	1"¼ IPS x 1" IPS	40	480	0.825	0.0706	1.660	1.315	0.236	0.90	2.75	3.94	3.94	3.74	0.71	10	35.59
12EIPRES0201	2" IPS x 1" IPS	30	360	0.851	0.0943	2.375	1.315	0.236	0.94	2.70	3.94	3.94	3.74	0.71	10	31.24
12EIPRES0301	3" IPS x 1" IPS	30	360	0.997	0.0943	3.500	1.315	0.236	0.87	2.56	3.94	3.94	3.95	0.71	10	33.42
12EIPRES0401	4" IPS x 1" IPS	20	240	0.990	0.1413	4.500	1.315	0.236	0.87	2.75	3.94	3.94	3.95	0.71	10	37.05
12EIPRES0601	6" IPS x 1" IPS	20	240	1.496	0.1413	6.625	1.315	0.236	1.00	2.75	3.94	3.94	4.33	0.71	10	45.03

follow...

ELECTROFUSION FITTINGS



TAPPING TEE WITH BELT

⁽¹⁾ Weldable on pipe DR 17 - 1-5.5 - 13.5 - 11 - 9.3 - 9 - 7.3 - 7

⁽²⁾ Weldable on pipe DR 17 - 15.5 - 13.5 - 11 - 9.3 - 9

⁽³⁾ Weldable on pipe DR 17 - 15.5 - 13.5 - 11

(*) PF (min DR) = Maximum Drilling Depth

The same fittings is available with metric outlet upon request.

⬡ Hexagonal key for perforation (mm)

PE4710 230PSI SDR11 • IPSxIPS IPSxCTS

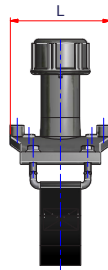
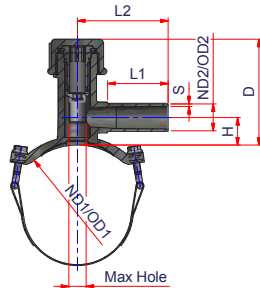
Code	Nominal Diameter ø (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	OD1	OD2	S	H	L1	L2	L	D	Max Hole	⬡	Price Each (\$)
12EIPRES02114	2" IPS x 1" 1/4 IPS	25	300	1.237	0.1130	2.375	1.660	0.151	1.26	2.75	3.94	4.68	5.04	0.90	10	44.19
12EIPRES0202	2" IPS x 2" IPS	20	240	2.140	0.1413	2.375	2.375	0.216	1.14	2.44	3.94	5.12	5.71	1.22	14	107.49
12EIPRES0302	3" IPS x 2" IPS	10	120	3.252	-	3.500	2.375	0.216	2.32	3.54	5.31	4.56	8.26	1.58	14	111.12
12EIPRES0402	4" IPS x 2" IPS	10	120	4.202	0.2825	4.500	2.375	0.216	2.32	3.54	5.31	4.56	8.26	1.58	14	118.39
12EIPRES0812C ⁽¹⁾	8" IPS x 1/2" CTS	10	120	3.124	0.2825	8.625	0.625	0.104	1.57	2.17	4.13	5.90	6.30	0.94	10	69.00
12EIPRES1012C ⁽²⁾	10" IPS x 1/2" CTS	10	120	3.080	0.2825	10.750	0.625	0.104	1.57	2.17	4.13	5.90	6.30	0.94	10	88.60
12EIPRES1212C ⁽³⁾	12" IPS x 1/2" CTS	8	96	3.149	0.3532	12.750	0.625	0.104	1.57	2.17	4.13	5.90	6.30	0.94	10	99.51
12EIPRES1212 ⁽³⁾	12" IPS x 1/2" IPS	8	96	3.149	0.3532	12.750	0.840	0.076	1.57	2.17	4.13	5.90	6.30	0.94	10	99.51
12EIPRES0834 ⁽¹⁾	8" IPS x 3/4" IPS	10	120	3.080	0.2825	8.625	1.050	0.095	1.57	2.75	4.13	5.90	6.30	0.94	10	69.00
12EIPRES1034 ⁽²⁾	10" IPS x 3/4" IPS	10	120	3.091	0.2825	10.750	1.050	0.095	1.57	2.75	4.13	5.90	6.30	0.94	10	88.60
12EIPRES1234 ⁽³⁾	12" IPS x 3/4" IPS	10	120	3.091	0.2825	12.750	1.050	0.095	1.57	2.75	4.13	5.90	6.30	0.94	10	99.51
12EIPRES0801C ⁽¹⁾	8" IPS x 1" CTS	10	120	3.058	0.2825	8.625	1.125	0.101	1.57	2.75	4.13	5.90	6.30	0.94	10	69.00
12EIPRES1001C ⁽²⁾	10" IPS x 1" CTS	10	120	3.091	0.2825	10.750	1.125	0.101	1.57	2.75	4.13	5.90	6.30	0.94	10	88.60
12EIPRES1201C ⁽³⁾	12" IPS x 1" CTS	10	120	3.014	0.2825	12.750	1.125	0.101	1.57	2.75	4.13	5.90	6.30	0.94	10	99.51
12EIPRES0801 ⁽¹⁾	8" IPS x 1" IPS	10	120	2.948	0.2825	8.625	1.315	0.188	1.57	2.75	4.13	5.90	6.30	0.94	10	75.90
12EIPRES1001 ⁽¹⁾	10" IPS x 1" IPS	10	120	2.970	0.2825	10.750	1.315	0.188	1.57	2.75	4.13	5.90	6.30	0.94	10	97.45
12EIPRES1201 ⁽³⁾	12" IPS x 1" IPS	10	120	3.014	0.2825	12.750	1.315	0.188	1.57	2.75	4.13	5.90	6.30	0.94	10	109.46

follow..

All measures are in inches unless otherwise mentioned.

We reserve the right to vary dimensions without notice; check the web site for the updated dimensions.

ELECTROFUSION FITTINGS



TAPPING TEE WITH BELT

⁽¹⁾ Weldable on pipe DR 17 - 1-5.5 - 13.5 - 11 - 9.3 - 9 - 7.3 - 7

⁽²⁾ Weldable on pipe DR 17 - 15.5 - 13.5 - 11 - 9.3 - 9

⁽³⁾ Weldable on pipe DR 17 - 15.5 - 13.5 - 11

(*) PF (min DR) = Maximum Drilling Depth

The same fittings is available with metric outlet upon request.

⬡ Hexagonal key for perforation (mm)

PE4710 230PSI SDR11 • IPSxIPS IPSxCTS

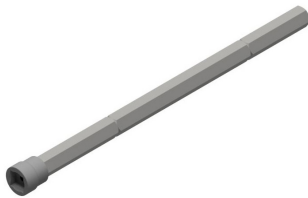
Code	Nominal Diameter ø (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	OD1	OD2	S	H	L1	L2	L	D	Max Hole	⬡	Price Each (\$)
12EIPRES03114 ⁽¹⁾	3" IPS x 1"¼ IPS	25	300	1.610	0.1130	3.500	1.660	0.151	1.18	2.75	4.13	5.90	4.88	0.87	10	51.11
12EIPRES04114 ⁽¹⁾	4" IPS x 1"¼ IPS	25	300	1.641	0.1130	4.500	1.660	0.151	1.18	2.75	4.13	5.90	4.88	0.87	10	97.45
12EIPRES06114 ⁽¹⁾	6" IPS x 1"¼ IPS	25	300	1.646	0.1130	6.625	1.660	0.151	1.18	2.75	4.13	5.90	4.88	0.87	10	61.53
12EIPRES08114 ⁽¹⁾	8" IPS x 1"¼ IPS	10	120	3.080	0.2825	8.625	1.660	0.151	1.57	2.75	4.13	5.90	6.30	0.94	10	75.90
12EIPRES10114 ⁽²⁾	10" IPS x 1"¼ IPS	10	120	3.036	0.2825	10.750	1.660	0.151	1.57	2.75	4.13	5.90	6.30	0.94	10	97.45
12EIPRES12114 ⁽³⁾	12" IPS x 1"¼ IPS	10	120	3.058	0.2825	12.750	1.660	0.151	1.57	2.75	4.13	5.90	6.30	0.94	10	109.46
12EIPRES0602 ⁽¹⁾	6" IPS x 2" IPS	10	120	4.147	0.2825	6.625	2.375	0.216	2.32	3.54	5.28	5.90	8.26	1.58	14	126.38
12EIPRES0802 ⁽¹⁾	8" IPS x 2" IPS	6	72	4.822	0.4707	8.625	2.375	0.216	2.32	3.54	5.28	5.90	8.26	1.58	14	135.08
12EIPRES1002 ⁽²⁾	10" IPS x 2" IPS	6	72	4.822	0.4707	10.750	2.375	0.216	2.32	3.54	5.28	5.90	8.26	1.58	14	139.44
12EIPRES1202 ⁽³⁾	12" IPS x 2" IPS	6	72	4.877	0.4707	12.750	2.375	0.216	2.32	3.54	5.28	5.90	8.26	1.58	14	145.27

ELECTROFUSION FITTINGS



TORQUE WRENCH FOR TAPPING TEE CAP TIGHTENING

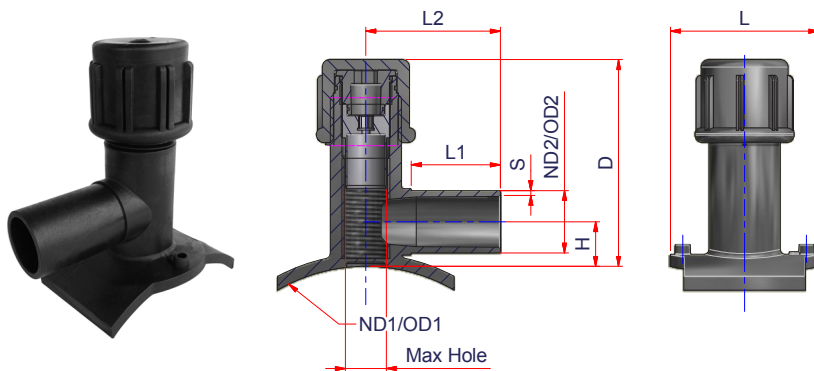
Code	Pack.	Weight lb/p.	EPRES Type	Price Each (\$)
00CHIAVE025	1	0.099	Small tapping tee cap	19.64
00CHIAVE032	1	0.088	Medium tapping tee cap	24.83
00CHIAVE040	1	0.118	2"X 2" Tapping tee cap	25.64
00CHIAVE050	1	0.132	HVSPT wrench for big tapping tee cap	32.34



SPT & HVSPT TOOLS AND ACCESSORIES

Code	Nominal Size	ø Main	ø Outlet	Price Each (\$)
SPT/HVSPT Tapping tools				
00CIPRES10	SPT 10 mm Hex Tool	1¼" IPS 2" ÷ 4" 3" ÷ 6" 6" 2" 2" 8" ÷ 12"	½" ÷ 1" CTS/IPS ½" ÷ 1" CTS/IPS 1¼" IPS ½" ÷ 1" CTS/IPS 1¼" IPS 2" ½" ÷ 1¼" CTS/IPS	88.65
00CIPRES14	SPT 14 mm Hex Tool	3" ÷ 12"	2"	124.90
SPT/HVSPT Pressure Test Equipment				
12ESPTTESTCAP	SPT Test Cap			88.65
12E114TESTCAP	1-¼" Outlet Test Cap			106.10
12E02TESTCAP	2" Outlet Test Cap			130.96
12E0202TESTCAP	2"x2" Test Cap			88.65
12ECON114NPTFF	Quick Connect ¼" NPT Female/female Quick Connector			53.72
12EHOSEASS	Hose Assembly			55.74

ELECTROFUSION FITTINGS



TOP LOAD TAPPING TEE

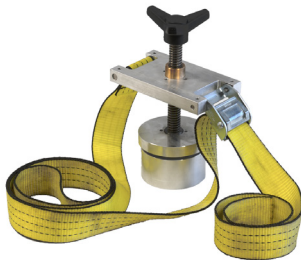
Important: use the positioner model 00IPOS01 for the installation!

PE4710 230PSI SDR11 • IPS x IPS

Code	Nominal Diameter ϕ (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD1	OD2	S	H	L1	L2	L	D	Max Hole	Price Each (\$)
12EIPRESTL142402	14" ÷ 24" IPS x 2" IPS	10	120	3.410	0.2825	14.000 ÷ 24.000	2.375	0.216	1.81	3.54	5.35	4.56	8.13	1.53	962.97

TECHNICAL NOTE:

Pipe OD	Max wall thickness to be pierced (DR min)
14"	11 TO 17
16"	11 TO 21
18"	11 TO 21
20"	11 TO 21
22"	11 TO 21
24"	21 TO 33

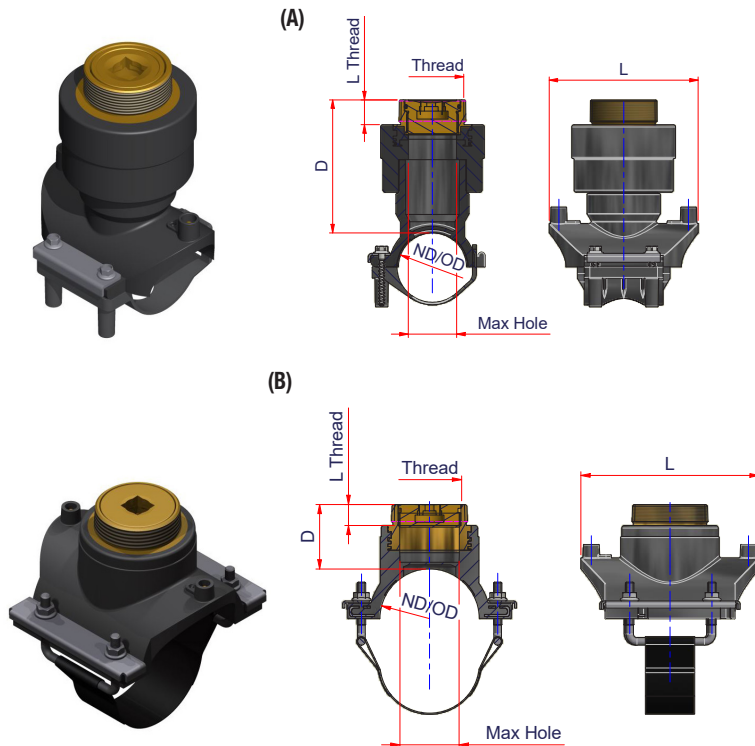


POSITIONER FOR TOP LOAD SADDLES

Positioner for saddles 12EICOL... and 12EIPRES... with ϕ 2" outlet

Code	Outlet	Imb. Pack.	Weight lb/p.	Volume ft ³ /p.	Price Each (\$)
00IPOS01	2"	1	7.040	0.2965	3,672.90

ELECTROFUSION FITTINGS



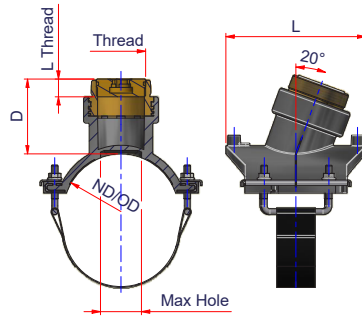
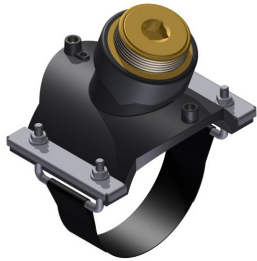
90° BALLOON SADDLE WITH BRASS THREADED OUTLET

*Weldable on pipe DR 17 - 15.5 - 13.5 - 11 - 9.3 - 9 - 7.3 - 7
With brass female threaded outlet.*

PE4710 230PSI SDR11 • IPS

Code	Type	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	ND (IPS)	OD	Thread	L Thread	D	L	Max Hole	Price Each (\$)
12EIPAL02	A	2" IPS	1	-	-	-	2"	2.375	2" NPT	0.87	4.64	5.20	1.69	334.23
12EIPAL03	B	3" IPS	5	135	4.180	0.2543	3"	3.500	2"½ NPT	0.79	2.40	6.69	2.12	334.23
12EIPAL04	B	4" IPS	8	216	4.285	0.1589	4"	4.500	2"½ NPT	0.79	3.31	6.69	2.12	334.23
12EIPAL06	B	6" IPS	8	216	4.180	0.1589	6"	6.625	2"½ NPT	0.79	3.31	6.69	2.12	334.23
12EIPAL08	B	8" IPS	4	108	5.198	0.3178	8"	8.625	2"½ NPT	0.79	3.31	7.87	2.12	334.23
12EIPAL10	B	10" IPS	1	-	-	-	10"	10.750	2"½ NPT	0.79	3.31	7.87	2.12	334.23
12EIPAL12	B	12" IPS	4	108	5.280	0.3182	12"	12.750	2"½ NPT	0.79	3.31	7.87	2.12	334.23

ELECTROFUSION FITTINGS

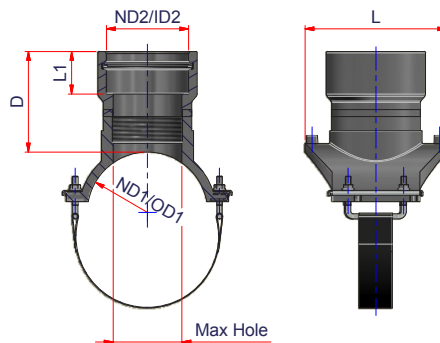


20° BALLOON SADDLE WITH BRASS THREADED OUTLET

Weldable on pipe DR 17 - 15.5 - 13.5 - 11 - 9.3 - 9 - 7.3 - 7
With brass female threaded outlet.

PE4710 230PSI SDR11 • IPS

Code	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	ND (IPS)	OD	Thread	L Thread	D	L	Max Hole	Price Each (\$)
12EIPAL2004	4" IPS	1	-	-	-	4"	4.500	2"½ NPT	0.79	3.31	6.69	2.12	372.29
12EIPAL2006	6" IPS	8	216	3.740	0.1589	6"	6.625	2"½ NPT	0.79	3.31	6.69	2.12	372.29
12EIPAL2008	8" IPS	6	72	5.317	0.4707	8"	8.625	2"½ NPT	0.79	3.31	7.87	2.12	372.29
12EIPAL2010	10" IPS	1	-	-	-	10"	10.750	2"½ NPT	0.79	3.31	7.87	2.12	372.29
12EIPAL2012	12" IPS	1	-	-	-	12"	12.750	2"½ NPT	0.79	3.31	7.87	2.12	372.29



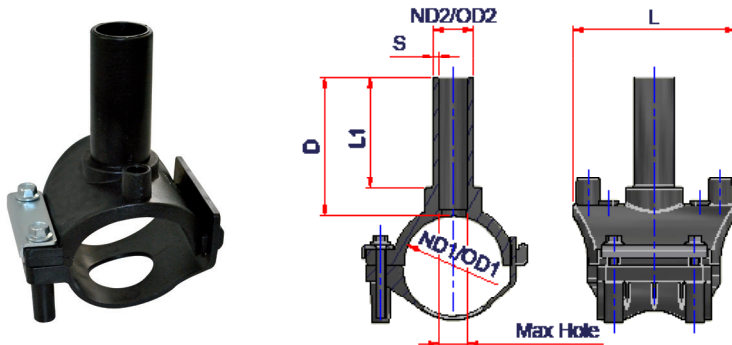
SEWAGE E/F BRANCH SADDLE WITH GASKET

Weldable on pipe DR 17 - 15.5 - 13.5 - 11 - 9.3 - 9 - 7.3 - 7

PE4710 230PSI SDR11 • IPS x IPS

Code	Nominal Diameter ø (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	OD1	ID2	L1	L	D	Max Hole	Price Each (\$)
12EICOLS0604	6" IPS x 4" IPS	6	72	3.740	0.4441	6.625	4.500	2.36	7.87	5.59	3.54	322.33
12EICOLS0804	8" IPS x 4" IPS	-	-	-	-	8.625	4.500	2.36	7.87	5.59	3.54	360.58
12EICOLS1004	10" IPS x 4" IPS	-	-	-	-	10.750	4.500	2.36	7.87	5.59	3.54	449.31
12EICOLS1204	12" IPS x 4" IPS	-	-	-	-	12.750	4.500	2.36	7.87	5.59	3.54	512.81

ELECTROFUSION FITTINGS



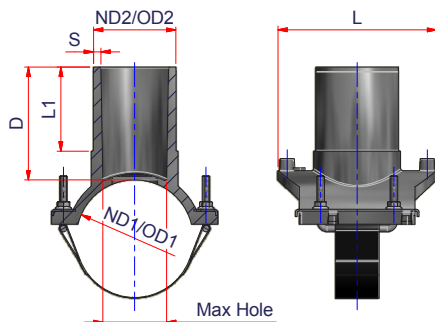
BRANCH SADDLE WITH RIDIG UNDERCLAMP

Weldable on pipe DR 17 - 15.5 - 13.5 - 11 - 9.3 - 9 - 7.3 - 7
The same fittings is available with metric outlet upon request.

PE4710 230PSI SDR11 • IPSxCTS IPSxIPS

Code	Nominal Diameter ϕ (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD1	OD2	S	L1	L	D	Max Hole		Price Each (\$)
12EICOL11412C	1" ¼ IPS x ½" CTS	60	720	0.581	0.2052	1.660	0.625	0.104	2.56	3.94	3.27	0.36		43.57
12EICOL11212C	1" ½ IPS x ½" CTS	60	720	0.581	0.3607	1.900	0.625	0.104	2.56	3.94	3.27	0.36		43.57
12EICOL0212C	2" IPS x ½" CTS	50	600	0.647	0.3577	2.375	0.625	0.104	2.56	3.94	3.27	0.36		43.57
12EICOL11434	1" ¼ IPS x ¾" IPS	60	720	0.586	0.2052	1.660	1.050	0.095	2.56	3.94	3.27	0.77		43.57
12EICOL11234	1" ½ IPS x ¾" IPS	60	720	0.586	0.2521	1.900	1.050	0.095	2.56	3.94	3.27	0.77		43.57
12EICOL0234	2" IPS x ¾" IPS	50	600	0.651	0.3577	2.375	1.050	0.095	2.56	3.94	3.27	0.77		43.57
12EICOL11401C	1" ¼ IPS x 1" CTS	60	720	0.595	0.2052	1.660	1.125	0.101	2.56	3.94	3.27	0.86		43.57
12EICOL11201C	1" ½ IPS x 1" CTS	60	720	0.595	0.2521	1.900	1.125	0.101	2.56	3.94	3.27	0.86		43.57
12EICOL0201C	2" IPS x 1" CTS	50	360	0.487	0.3577	2.375	1.125	0.101	2.56	3.94	3.27	0.86		43.57
12EICOL11401	1" ¼ IPS x 1" IPS	60	720	0.599	0.2052	1.660	1.315	0.120	2.56	3.94	3.27	1.02		43.57
12EICOL11201	1" ½ IPS x 1" IPS	60	720	0.599	0.2521	1.900	1.315	0.120	2.56	3.94	3.27	1.02		43.57
12EICOL0201	2" IPS x 1" IPS	50	600	0.662	0.3577	2.375	1.315	0.120	2.56	3.94	3.27	1.02		43.57
12EICOL02112	2" IPS x 1"½ IPS	30	360	0.660	0.6762	2.375	1.900	0.173	2.95	5.20	4.32	1.45		43.57
12EICOL0202	2" IPS x 2" IPS	30	360	0.733	0.7388	2.375	2.375	0.216	3.54	5.20	4.72	1.55	180 PSI	50.13
12EICOL0302	3" IPS x 2" IPS	25	300	0.880	1.1918	3.500	2.375	0.216	3.35	5.59	4.03	1.73	180 PSI	50.13
12EICOL0402	4" IPS x 2" IPS	20	240	0.946	1.8456	4.500	2.375	0.216	3.35	5.59	4.06	1.73	180 PSI	55.94

ELECTROFUSION FITTINGS



BRANCH SADDLE WITH BELT

Weldable on pipe DR 17 - 15.5 - 13.5 - 11 - 9.3 - 9 - 7.3 - 7
Available on request the same fitting with metric outlet!

PE4710 230PSI SDR11 •

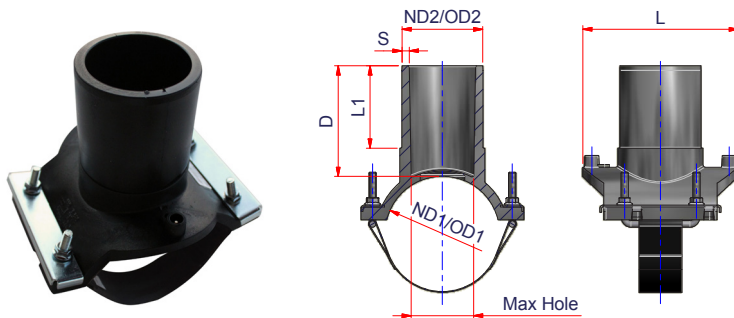
IPSxCTS

IPSxIPS

Code	Nominal Diameter ø (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	OD1	OD2	S	L1	L	D	Max Hole	Price Each (\$)
12EICOL0312C	3" IPS x ½" CTS	30	360	0.986	1.0059	3.500	0.625	0.104	3.35	5.59	4.03	0.36	50.13
12EICOL0412C	4" IPS x ½" CTS	40	480	0.974	1.5027	4.500	0.625	0.104	3.35	5.59	4.03	0.36	58.10
12EICOL0612C	6" IPS x ½" CTS	30	360	1.027	4.1033	6.625	0.625	0.104	3.35	5.59	4.03	0.36	67.55
12EICOL0812C	8" IPS x ½" CTS	30	360	1.056	6.4906	8.625	0.625	0.104	3.35	5.59	4.03	0.36	88.60
12EICOL1012C	10" IPS x ½" CTS	30	360	1.030	9.6108	10.750	0.625	0.104	3.35	5.59	4.03	0.36	95.87
12EICOL1212C	12" IPS x ½" CTS	30	360	1.063	13.0968	12.750	0.625	0.104	3.35	5.59	4.03	0.36	103.87
12EICOL0334	3" IPS x ¾" IPS	30	360	0.986	1.4395	3.500	1.050	0.095	3.35	5.59	4.03	0.77	50.13
12EICOL0434	4" IPS x ¾" IPS	40	480	0.974	2.1505	4.500	1.050	0.095	3.35	5.59	4.03	0.77	58.10
12EICOL0634	6" IPS x ¾" IPS	30	360	1.027	4.1033	6.625	1.050	0.095	3.35	5.59	4.03	0.77	67.55
12EICOL0834	8" IPS x ¾" IPS	30	360	1.056	6.4906	8.625	1.050	0.095	3.35	5.59	4.03	0.77	88.60
12EICOL1034	10" IPS x ¾" IPS	30	360	1.030	9.6108	10.750	1.050	0.095	3.35	5.59	4.03	0.77	95.87
12EICOL1234	12" IPS x ¾" IPS	30	360	1.063	13.0968	12.750	1.050	0.095	3.35	5.59	4.03	0.77	103.87
12EICOL0301C	3" IPS x 1" CTS	30	360	1.001	1.0059	3.500	1.125	0.101	3.35	5.59	4.03	0.86	50.13
12EICOL0401C	4" IPS x 1" CTS	30	360	1.019	1.5027	4.500	1.125	0.101	3.35	5.59	4.03	0.86	58.10
12EICOL0601C	6" IPS x 1" CTS	30	360	1.038	4.1033	6.625	1.125	0.101	3.35	5.59	4.03	0.86	67.55
12EICOL0801C	8" IPS x 1" CTS	30	360	1.052	6.4906	8.625	1.125	0.101	3.35	5.59	4.03	0.86	88.60
12EICOL1001C	10" IPS x 1" CTS	30	360	1.063	9.6108	10.750	1.125	0.101	3.35	5.59	4.03	0.86	95.87
12EICOL1201C	12" IPS x 1" CTS	30	360	1.078	13.0968	12.750	1.125	0.101	3.35	5.59	4.03	0.86	103.87
12EICOL0301	3" IPS x 1" IPS	30	390	1.001	1.4395	3.500	1.315	0.120	3.35	5.59	4.03	1.02	50.13
12EICOL0401	4" IPS x 1" IPS	30	360	0.986	2.1505	4.500	1.315	0.120	3.35	5.59	4.03	1.02	58.10
12EICOL0601	6" IPS x 1" IPS	30	360	1.038	4.1033	6.625	1.315	0.120	3.35	5.59	4.03	1.02	67.55
12EICOL0801	8" IPS x 1" IPS	30	360	1.052	6.4906	8.625	1.315	0.120	3.35	5.59	4.03	1.02	88.60
12EICOL1001	10" IPS x 1" IPS	30	360	1.063	9.6108	10.750	1.315	0.120	3.35	5.59	4.03	1.02	95.87
12EICOL1201	12" IPS x 1" IPS	30	360	1.078	13.0968	12.750	1.315	0.120	3.35	5.59	4.03	1.02	103.87

follow...

ELECTROFUSION FITTINGS



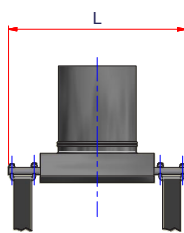
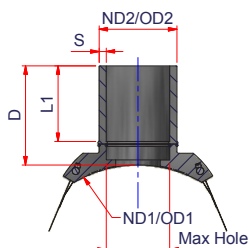
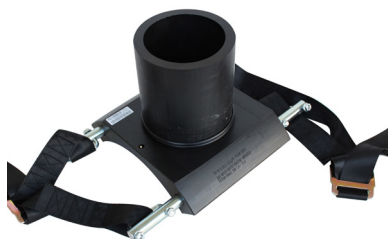
BRANCH SADDLE WITH BELT

Weldable on pipe DR DR 17 - 15.5 - 13.5 - 11 - 9.3 - 9 - 7.3 - 7
Available on request the same fitting with metric outlet!

PE4710 230PSI SDR11 • IPSxCTS IPSxIPS

Code	Nominal Diameter ϕ (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD1	OD2	S	L1	L	D	Max Hole	FM APPROVED	Price Each (\$)
12EICOL03114	3" IPS x 1" 1/4 IPS	30	360	1.019	1.4395	3.500	1.660	0.151	3.35	5.59	4.03	1.29		50.13
12EICOL04114	4" IPS x 1" 1/4 IPS	30	360	1.032	2.1505	4.500	1.660	0.151	3.35	5.59	4.03	1.29		58.10
12EICOL06114	6" IPS x 1" 1/4 IPS	30	360	1.049	4.1033	6.625	1.660	0.151	3.35	5.59	4.03	1.29		67.55
12EICOL08114	8" IPS x 1" 1/4 IPS	30	360	1.058	6.4906	8.625	1.660	0.151	3.35	5.59	4.03	1.29		88.60
12EICOL10114	10" IPS x 1" 1/4 IPS	30	360	1.075	9.6108	10.750	1.660	0.151	3.35	5.59	4.03	1.29		95.87
12EICOL12114	12" IPS x 1" 1/4 IPS	30	360	2.820	13.0968	12.750	1.660	0.151	3.35	5.59	4.03	1.29		103.87
12EICOL0602	6" IPS x 2" IPS	30	360	1.155	4.1033	6.625	2.375	0.216	3.35	5.59	4.03	1.73	180 PSI	67.55
12EICOL0802	8" IPS x 2" IPS	30	360	1.173	6.4906	8.625	2.375	0.216	3.35	5.59	4.03	1.73	180 PSI	82.80
12EICOL1002	10" IPS x 2" IPS	6	72	1.063	13.2464	10.750	2.375	0.216	3.35	5.59	4.03	1.73	180 PSI	95.87
12EICOL1202	12" IPS x 2" IPS	6	72	3.300	18.0510	12.750	2.375	0.216	3.35	5.59	4.03	1.73	180 PSI	103.87
12EICOL0303	3" IPS x 3" IPS	12	144	1.126	2.1595	3.500	3.500	0.318	3.96	6.69	5.16	2.70	180 PSI	217.14
12EICOL0403	4" IPS x 3" IPS	15	180	2.259	2.9009	4.500	3.500	0.318	3.54	6.69	4.64	2.70	180 PSI	217.14
12EICOL0603	6" IPS x 3" IPS	15	180	2.259	5.5353	6.625	3.500	0.318	3.54	6.69	4.64	2.70	180 PSI	248.38
12EICOL0803	8" IPS x 3" IPS	6	72	3.300	10.9216	8.625	3.500	0.318	3.94	7.87	4.92	2.70	180 PSI	260.01
12EICOL1003	10" IPS x 3" IPS	6	72	3.300	16.1718	10.750	3.500	0.318	3.94	7.87	4.92	2.70	180 PSI	275.97
12EICOL1203	12" IPS x 3" IPS	6	72	3.300	22.0375	12.750	3.500	0.318	3.94	7.87	4.92	2.70	180 PSI	297.76
12EICOL0404	4" IPS x 4" IPS	10	120	2.794	3.5199	4.500	4.500	0.409	3.74	6.85	5.63	2.76	180 PSI	262.91
12EICOL0604	6" IPS x 4" IPS	8	96	3.355	7.1852	6.625	4.500	0.409	3.94	7.87	5.12	3.46	180 PSI	297.76
12EICOL0804	8" IPS x 4" IPS	5	60	3.960	11.2102	8.625	4.500	0.409	3.84	7.87	5.05	3.46	180 PSI	321.00
12EICOL1004	10" IPS x 4" IPS	6	72	3.850	16.5991	10.750	4.500	0.409	3.84	7.87	5.05	3.46	180 PSI	366.03
12EICOL1204	12" IPS x 4" IPS	5	60	3.916	22.6198	12.750	4.500	0.409	3.84	7.87	5.05	3.46	180 PSI	418.32

ELECTROFUSION FITTINGS



HIGH VOLUME BRANCH SADDLE WITH BELTS

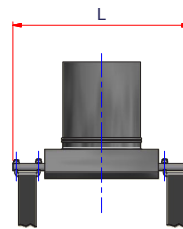
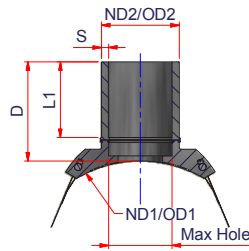
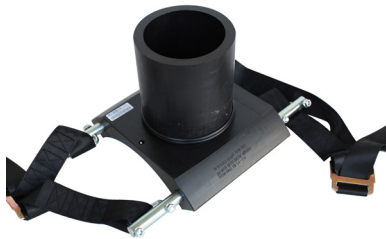
Weldable on pipe DR 17 - 15.5 - 13.5 - 11 - 9.3 - 9 - 7.3 - 7

PE4710 230PSI SDR11 • IPS x IPS

Code	Nominal Diameter Ø (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	OD1	OD2	S	L1	L	D	Max Hole	FM APPROVED	Price Each (\$)
12EICOLT0606	6" IPS x 6" IPS	2	24	14.850	1.4126	8.625	6.625	0.603	6.30	12.60	7.87	5.20	180 PSI	705.11
12EICOLT0806	8" IPS x 6" IPS	2	24	14.850	1.4126	8.625	6.625	0.603	6.30	12.60	7.87	5.20	180 PSI	742.71
12EICOLT1006	10" IPS x 6" IPS	2	24	13.200	1.4126	10.750	6.625	0.603	6.30	12.60	7.87	5.20	180 PSI	795.10
12EICOLT1206	12" IPS x 6" IPS	2	24	14.300	1.4126	12.750	6.625	0.603	6.30	12.60	7.87	5.20	180 PSI	882.39
12EICOLT1406	14" IPS x 6" IPS	2	24	14.300	1.4126	14.000	6.625	0.603	6.30	12.60	7.87	5.20	180 PSI	917.31
12EICOLT1606	16" IPS x 6" IPS	2	24	13.750	1.4126	16.000	6.625	0.603	6.30	12.60	7.87	5.20	180 PSI	952.25
12EICOLT1806	18" IPS x 6" IPS	2	24	14.850	1.4126	18.000	6.625	0.603	6.30	12.60	7.87	5.20	180 PSI	1,024.75
12EICOLT2006	20" IPS x 6" IPS	2	24	13.750	1.4126	20.000	6.625	0.603	6.30	12.60	7.87	5.20	180 PSI	1,164.43
12EICOLT2206	22" IPS x 6" IPS	2	24	13.750	1.4126	22.000	6.625	0.603	6.30	12.60	7.87	5.20	180 PSI	1,340.38
12EICOLT2406	24" IPS x 6" IPS	2	24	14.080	1.4126	24.000	6.625	0.603	6.30	12.60	7.87	5.20	180 PSI	1,587.51
12EICOLT2606	26" IPS x 6" IPS	2	24	-	-	26.000	6.625	0.603	6.30	12.60	7.87	5.20	180 PSI	1,674.79
12EICOLT2806	28" IPS x 6" IPS	2	24	14.300	1.4126	28.000	6.625	0.603	6.30	12.60	7.87	5.20	180 PSI	1,763.43
12EICOLT3006	30" IPS x 6" IPS	2	24	13.750	1.4126	30.000	6.625	0.603	6.30	12.60	7.87	5.20	180 PSI	1,940.72
12EICOLT3206	32" IPS x 6" IPS	2	24	-	-	32.000	6.625	0.603	6.30	12.60	7.87	5.20	180 PSI	2,115.31
12EICOLT3606	36" IPS x 6" IPS	2	24	17.600	1.4126	36.000	6.625	0.603	6.30	12.60	7.87	5.20	180 PSI	2,292.60
12EICOLT4006	40" IPS x 6" IPS	2	24	17.600	1.4126	40.000	6.625	0.603	6.30	12.60	7.87	5.20	180 PSI	2,823.11
12EICOLT4206	42" IPS x 6" IPS	2	24	17.600	1.4126	42.000	6.625	0.603	6.30	12.60	7.87	5.20	180 PSI	2,823.11
12EICOLT4806	48" IPS x 6" IPS	2	24	17.600	-	48.000	6.625	0.603	6.30	12.60	7.87	5.20	180 PSI	5,640.85
12EICOLT1008	10" IPS x 8" IPS	-	-	31.416	-	10.750	8.625	0.785	8.66	19.68	10.63	6.90	180 PSI	1,528.40
12EICOLT1208	12" IPS x 8" IPS	1	8	28.512	2.6652	12.750	8.625	0.785	8.66	19.68	10.63	6.90	180 PSI	1,587.51
12EICOLT1408	14" IPS x 8" IPS	-	-	28.109	-	14.000	8.625	0.785	8.66	19.68	10.63	6.90	180 PSI	1,763.43
12EICOLT1608	16" IPS x 8" IPS	2	8	26.950	3.8140	16.000	8.625	0.785	8.66	19.68	10.63	6.90	180 PSI	1,763.43
12EICOLT1808	18" IPS x 8" IPS	-	-	24.995	-	18.000	8.625	0.785	8.66	19.68	10.63	6.90	180 PSI	1,856.11
12EICOLT2008	20" IPS x 8" IPS	-	-	30.865	-	20.000	8.625	0.785	8.66	19.68	10.63	6.90	180 PSI	2,073.69
12EICOLT2208	22" IPS x 8" IPS	-	-	30.314	-	22.000	8.625	0.785	8.66	19.68	10.63	6.90	180 PSI	2,292.60

follow...

ELECTROFUSION FITTINGS

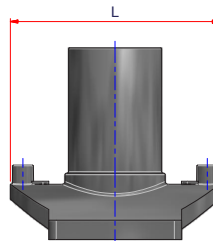
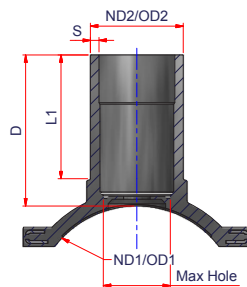


HIGH VOLUME BRANCH SADDLE WITH BELTS

Weldable on pipe DR 17 - 15.5 - 13.5 - 11 - 9.3 - 9 - 7.3 - 7

PE4710 230PSI SDR11 • IPS x IPS

Code	Nominal Diameter ϕ (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD1	OD2	S	L1	L	D	Max Hole	FM APPROVED	Price Each (\$)
12EICOLTTL2408	24" IPS x 8" IPS	2	8	25.300	3.8140	24.000	8.625	0.785	8.66	19.68	10.63	6.90	180 PSI	2,468.55
12EICOLTTL2808	28" IPS x 8" IPS	-	-	-	-	28.000	8.625	0.785	8.66	19.68	10.63	6.90	180 PSI	3,878.75
12EICOLTTL3008	30" IPS x 8" IPS	2	8	19.800	3.8140	30.000	8.625	0.785	8.66	19.68	10.63	6.90		4,147.36
12EICOLTTL3208	32" IPS x 8" IPS	2	24	-	-	32.000	8.625	0.785	8.66	19.68	10.63	6.90		4,364.96
12EICOLTTL3608	36" IPS x 8" IPS	2	24	23.148	-	36.000	8.625	0.785	8.66	19.68	10.63	6.90		4,801.44
12EICOLTTL4008	40" IPS x 8" IPS	-	-	-	-	40.000	8.625	0.785	8.66	19.68	10.63	6.90		5,456.86
12EICOLTTL4208	42" IPS x 8" IPS	-	-	22.707	-	42.000	8.625	0.785	8.66	19.68	10.63	6.90		6,347.30
12EICOLTTL4808	48" IPS x 8" IPS	-	-	-	-	48.000	8.625	0.785	8.66	19.68	10.63	6.90		6,667.50
12EICOLTTL5408	54" IPS x 8" IPS	-	-	-	-	54.000	8.625	0.785	8.66	19.68	10.63	6.90		7,052.41
12EICOLTTL6308	63" IPS x 8" IPS	-	-	-	-	63.000	8.625	0.785	8.66	19.68	10.63	6.90		7,757.52



HIGH VOLUME TOP LOAD BRANCH SADDLE

Weldable on DR 17 - 15.5 - 13.5 - 11 - 9.3 - 9 - 7.3 - 7
Important: use the positioner model 00IPOS01 for the installation of TOP LOAD saddle.

PE4710 230PSI SDR11 • IPS x IPS

Code	Nominal Diameter ϕ (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD1	OD2	S	L1	L	D	Max Hole	Price Each (\$)
12EICOLTTL142402	14"÷24" IPS x 2" IPS	30	360	0.735	0.0890	14.000 ÷ 24.000	2.375	0.216	3.35	5.59	4.03	1.53	134.32

ELECTROFUSION FITTINGS



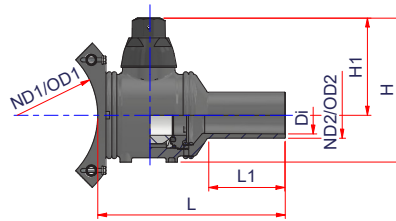
REPAIR SADDLE WITH BELTS FOR BIG SURFACES

Weldable on pipe DR 17 - 15.5 - 13.5 - 11 - 9.3 - 9 - 7.3 - 7
Suitable to repair damages on pipes.
Supplied with metal bars and belts for the installation.
Upon request.

PE4710 230PSI SDR11 • IPS

Code	Nominal Diameter ϕ (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	ND (IPS)	OD	D	L	L1	Price Each (\$)
12EIRIP12	12" IPS	4	48	8.865	-	12"	12.750	1.46	12.60	9.45	882.39
12EIRIP14	14" IPS	5	60	9.233	0.5330	14"	14.000	1.82	12.60	9.45	917.31
12EIRIP16	16" IPS	4	48	10.046	-	16"	16.000	1.82	12.60	9.45	952.25
12EIRIP18	18" IPS	5	60	10.002	-	18"	18.000	1.82	12.60	9.45	1,024.75
12EIRIP20	20" IPS	4	48	11.087	-	20"	20.000	1.82	12.60	9.45	1,164.43
12EIRIP22	22" IPS	5	60	8.084	-	22"	22.000	2.00	12.60	9.45	1,340.38
12EIRIP24	24" IPS	5	60	9.513	0.5330	24"	24.000	2.00	12.60	9.45	1,587.51
12EIRIP28	28" IPS	5	60	8.552	0.5330	28"	28.000	2.00	12.60	9.45	1,763.43
12EIRIP30	30" IPS	5	60	9.868	-	30"	30.000	2.00	12.60	9.45	1,940.72
12EIRIP32	32" IPS	5	60	9.952	-	32"	32.000	2.00	12.60	9.45	2,115.31
12EIRIP36	36" IPS	5	60	12.899	0.5330	36"	36.000	2.00	12.60	9.45	2,292.60
12EIRIP40	40" IPS	5	60	11.479	-	40"	40.000	2.00	12.60	9.45	2,820.43

ELECTROFUSION FITTINGS



TOP LOAD BRANCH SADDLE WITH VALVE FULL BORE

Weldable on pipe DR 17 - 15.5 - 13.5 - 11 - 9.3 - 9 - 7.3 - 7
Supplied with metal bars and belts for the installation.

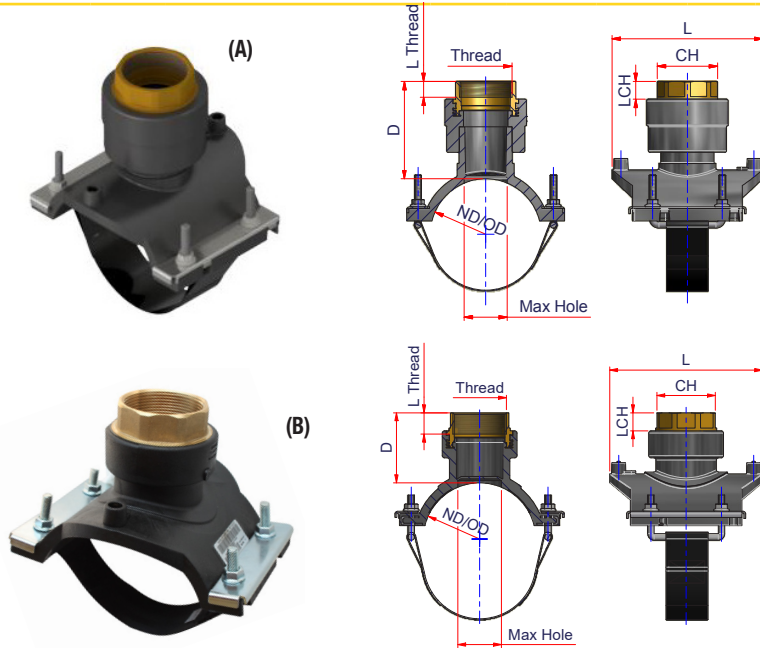
PE4710 230PSI SDR11 • IPS x IPS

Code	Nominal Diameter ø (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	OD1	OD2	Di	H1	H	L	L1	Price Each (\$)
12EICOLV0403	4" IPS x 3" IPS	1	-	-	-	4.500	3.500	2.78	7.48	11.10	24	5.91	2,965.00
12EICOLV0603	6" IPS x 3" IPS	1	-	-	-	6.625	3.500	2.78	7.48	11.10	24	5.91	3,120.00
12EICOLV0803	8" IPS x 3" IPS	1	-	-	-	8.625	3.500	2.78	7.48	11.10	24	5.91	3,180.00
12EICOLV1003	10" IPS x 3" IPS	1	-	-	-	10.750	3.500	2.78	7.48	11.10	24	5.91	3,225.00
12EICOLV1203	12" IPS x 3" IPS	1	-	-	-	12.750	3.500	2.78	7.48	11.10	24	5.91	3,365.00
12EICOLV0604	6" IPS x 4" IPS	1	-	-	-	6.625	4.500	3.30	8.07	12.4	24	6.10	6,560.00
12EICOLV0804	8" IPS x 4" IPS	1	-	-	-	8.625	4.500	3.30	8.07	12.4	24	6.10	6,735.00
12EICOLV1004	10" IPS x 4" IPS	1	-	-	-	10.750	4.500	3.30	8.07	12.4	24	6.10	6,855.00
12EICOLV1204	12" IPS x 4" IPS	1	-	-	-	12.750	4.500	3.30	8.07	12.4	24	6.10	7,130.00
12EICOLV0806	8" IPS x 6" IPS	1	-	-	-	8.625	6.625	5.16	9.94	16.42	24	5.00	19,460.00
12EICOLV1006	10" IPS x 6" IPS	1	-	-	-	10.750	6.625	5.16	9.94	16.42	24	5.00	19,725.00
12EICOLV1206	12" IPS x 6" IPS	1	-	-	-	12.750	6.625	5.16	9.94	16.42	24	5.00	20,160.00
12EICOLV1406	14" IPS x 6" IPS	1	-	-	-	14.000	6.625	5.16	9.94	16.42	24	5.00	20,335.00
12EICOLV1606	16" IPS x 6" IPS	1	-	-	-	16.000	6.625	5.16	9.94	16.42	24	5.00	20,510.00
12EICOLV1806	18" IPS x 6" IPS	1	-	-	-	18.000	6.625	5.16	9.94	16.42	24	5.00	20,870.00
12EICOLV2006	20" IPS x 6" IPS	1	-	-	-	20.000	6.625	5.16	9.94	16.42	24	5.00	21,570.00
12EICOLV2206	22" IPS x 6" IPS	1	-	-	-	22.000	6.625	5.16	9.94	16.42	24	5.00	22,450.00
12EICOLV2406	24" IPS x 6" IPS	1	-	-	-	24.000	6.625	5.16	9.94	16.42	24	5.00	23,685.00
12EICOLV2606	26" IPS x 6" IPS	1	-	-	-	26.000	6.625	5.16	9.94	16.42	24	5.00	24,120.00
12EICOLV2806	28" IPS x 6" IPS	1	-	-	-	28.000	6.625	5.16	9.94	16.42	24	5.00	24,565.00
12EICOLV3006	30" IPS x 6" IPS	1	-	-	-	30.000	6.625	5.16	9.94	16.42	24	5.00	25,450.00
12EICOLV3206	32" IPS x 6" IPS	1	-	-	-	32.000	6.625	5.16	9.94	16.42	24	5.00	26,325.00
12EICOLV3606	36" IPS x 6" IPS	1	-	-	-	36.000	6.625	5.16	9.94	16.42	24	5.00	27,210.00
12EICOLV4006	40" IPS x 6" IPS	1	-	-	-	40.000	6.625	5.16	9.94	16.42	24	5.00	29,865.00

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ELECTROFUSION FITTINGS



PE/BRASS ELECTROFUSION TRANSITION SADDLE

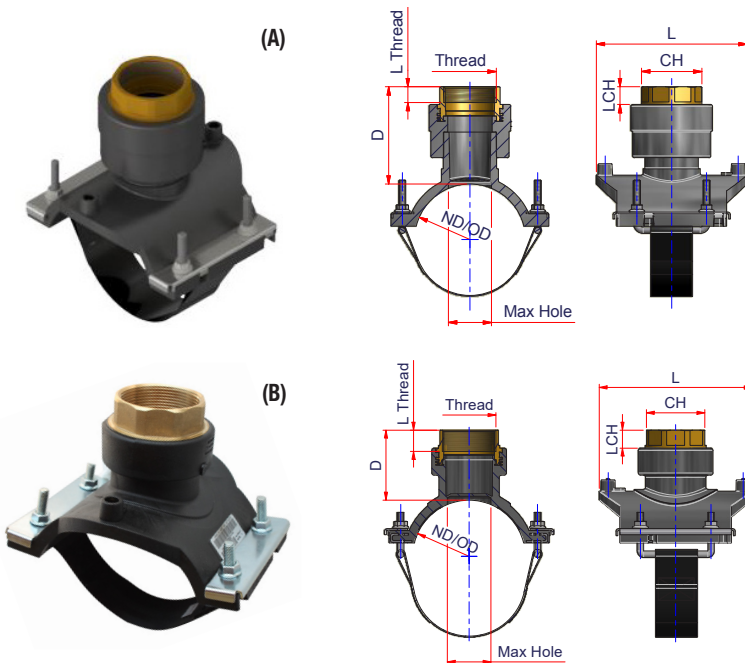
Weldable on pipe DR 17 - 15.5 - 13.5 - 11 - 9.3 - 9 - 7.3 - 7

**NOT SUITABLE FOR THE TRANSPORTATION OF HUMAN
CONSUMPTION FLUIDS**

PE4710 230PSI SDR11 • IPS

Code	Type	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	OD	Thread	L Thread	CH	LCH	L	D	Max Hole	Price Each (\$)
12EICOLF11434	A	1" ¼ IPS x ¾" NPT	-	-	-	-	1.660	¾" NPT	0.53	1.18	0.43	5.59	2.35	0.70	77.04
12EICOLF0234	A	2" IPS x ¾" NPT	-	-	-	-	2.375	¾" NPT	0.53	1.18	0.43	5.59	2.35	0.70	77.04
12EICOLF0334	A	3" IPS x ¾" NPT	-	-	-	-	3.500	¾" NPT	0.53	1.18	0.43	5.59	2.35	0.70	77.04
12EICOLF0434	A	4" IPS x ¾" NPT	-	-	-	-	4.500	¾" NPT	0.53	1.18	0.43	5.59	2.35	0.70	89.44
12EICOLF0634	A	6" IPS x ¾" NPT	-	-	-	-	6.625	¾" NPT	0.53	1.18	0.43	5.59	2.35	0.70	104.35
12EICOLF0834	A	8" IPS x ¾" NPT	-	-	-	-	8.625	¾" NPT	0.53	1.18	0.43	5.59	2.35	0.70	121.74
12EICOLF1034	A	10" IPS x ¾" NPT	-	-	-	-	10.750	¾" NPT	0.53	1.18	0.43	5.59	2.35	0.70	132.52
12EICOLF1234	A	12" IPS x ¾" NPT	-	-	-	-	12.750	¾" NPT	0.53	1.18	0.43	5.59	2.35	0.70	144.12
12EICOLF11401	A	1" ¼ IPS x 1" NPT	-	-	-	-	1.660	1" NPT	0.66	1.49	0.43	5.59	2.83	0.90	79.50
12EICOLF0201	A	2" IPS x 1" NPT	-	-	-	-	2.375	1" NPT	0.66	1.49	0.43	5.59	2.83	0.90	79.50
12EICOLF0301	B	3" IPS x 1" NPT	-	-	-	-	3.500	1" NPT	0.66	1.49	0.51	5.55	2.24	0.98	79.50
12EICOLF0401	B	4" IPS x 1" NPT	-	-	-	-	4.500	1" NPT	0.66	1.49	0.51	5.55	2.24	0.98	91.94
12EICOLF0601	B	6" IPS x 1" NPT	-	-	-	-	6.625	1" NPT	0.66	1.49	0.51	5.55	2.24	0.98	106.84
12EICOLF0801	B	8" IPS x 1" NPT	-	-	-	-	8.625	1" NPT	0.66	1.49	0.51	5.55	2.24	0.98	130.99
12EICOLF1001	B	10" IPS x 1" NPT	-	-	-	-	10.750	1" NPT	0.66	1.49	0.51	5.55	2.24	0.98	133.34
12EICOLF1201	B	12" IPS x 1" NPT	-	-	-	-	12.750	1" NPT	0.66	1.49	0.43	5.59	2.83	0.98	145.75
12EICOLF03114	A	3" IPS x 1" ¼ NPT	-	-	-	-	3.500	1" ¼ NPT	0.68	1.81	0.47	5.59	3.26	1.25	96.90
12EICOLF04114	A	4" IPS x 1" ¼ NPT	-	-	-	-	4.500	1" ¼ NPT	0.68	1.81	0.47	5.59	3.26	1.25	109.32

ELECTROFUSION FITTINGS



PE/BRASS ELECTROFUSION TRANSITION SADDLE

Weldable on pipe DR 17 - 15.5 - 13.5 - 11 - 9.3 - 9 - 7.3 - 7

**NOT SUITABLE FOR THE TRANSPORTATION OF HUMAN
CONSUMPTION FLUIDS**

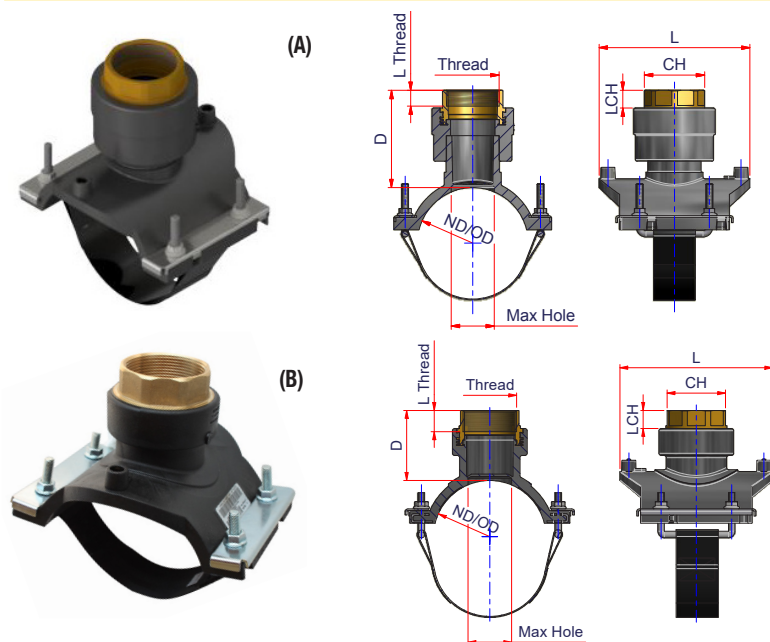
PE4710 230PSI SDR11 • IPS

Code	Type	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	OD	Thread	L Thread	CH	LCH	L	D	Max Hole	Price Each (\$)
12EICOLF06114	A	6" IPS x 1" ¼ NPT	-	-	-	-	6.625	1" ¼ NPT	0.68	1.81	0.47	5.59	3.26	1.25	124.25
12EICOLF08114	A	8" IPS x 1" ¼ NPT	-	-	-	-	8.625	1" ¼ NPT	0.68	1.81	0.47	5.59	3.26	1.25	141.62
12EICOLF10114	A	10" IPS x 1" ¼ NPT	-	-	-	-	10.750	1" ¼ NPT	0.68	1.81	0.47	5.59	3.26	1.25	152.39
12EICOLF12114	A	12" IPS x 1" ¼ NPT	-	-	-	-	12.750	1" ¼ NPT	0.68	1.81	0.47	5.59	3.26	1.25	164.83
12EICOLF02112	A	2" IPS x 1" ½ NPT	-	-	-	-	2.375	1" ½ NPT	0.68	2.16	0.47	5.59	3.65	1.50	125.89
12EICOLF03112	A	3" IPS x 1" ½ NPT	-	-	1.978	-	3.500	1" ½ NPT	0.68	2.16	0.47	5.59	3.65	1.50	125.89
12EICOLF04112	A	4" IPS x 1" ½ NPT	-	-	-	-	4.500	1" ½ NPT	0.68	2.16	0.47	5.59	3.65	1.50	137.48
12EICOLF06112	A	6" IPS x 1" ½ NPT	-	-	-	-	6.625	1" ½ NPT	0.68	2.16	0.47	5.59	3.65	1.50	152.39
12EICOLF08112	A	8" IPS x 1" ½ NPT	-	-	-	-	8.625	1" ½ NPT	0.68	2.16	0.47	5.59	3.65	1.50	170.63
12EICOLF10112	A	10" IPS x 1" ½ NPT	-	-	-	-	10.750	1" ½ NPT	0.68	2.16	0.47	5.59	3.65	1.50	180.55
12EICOLF12112	A	12" IPS x 1" ½ NPT	-	-	-	-	12.750	1" ½ NPT	0.68	2.16	0.47	5.59	3.65	1.50	193.79
12EICOLF0202	B	2" IPS x 2" NPT	-	-	-	-	2.375	2" NPT	0.70	2.56	0.67	5.59	4.32	1.90	125.89
12EICOLF0302	B	3" IPS x 2" NPT	-	-	1.995	-	3.500	2" NPT	0.70	2.56	0.67	5.59	4.32	1.90	125.89
12EICOLF0402	B	4" IPS x 2" NPT	-	-	2.619	-	4.500	2" NPT	0.70	2.56	0.67	5.59	4.32	1.90	137.48
12EICOLF0602	B	6" IPS x 2" NPT	-	-	2.756	-	6.625	2" NPT	0.70	2.56	0.67	5.59	4.32	1.90	152.39
12EICOLF0802	B	8" IPS x 2" NPT	-	-	2.756	-	8.625	2" NPT	0.70	2.56	0.67	5.59	4.32	1.90	170.63
12EICOLF1002	B	10" IPS x 2" NPT	-	-	2.900	-	10.750	2" NPT	0.70	2.56	0.67	5.59	4.32	1.90	180.55
12EICOLF1202	B	12" IPS x 2" NPT	-	-	3.684	-	12.750	2" NPT	0.70	2.56	0.67	5.59	4.32	1.90	193.79

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ELECTROFUSION FITTINGS



PE/BRASS ELECTROFUSION TRANSITION SADDLE

Weldable on pipe DR 17 - 15.5 - 13.5 - 11 - 9.3 - 9 - 7.3 - 7

SUITABLE FOR THE TRANSPORTATION OF HUMAN
CONSUMPTION FLUIDS

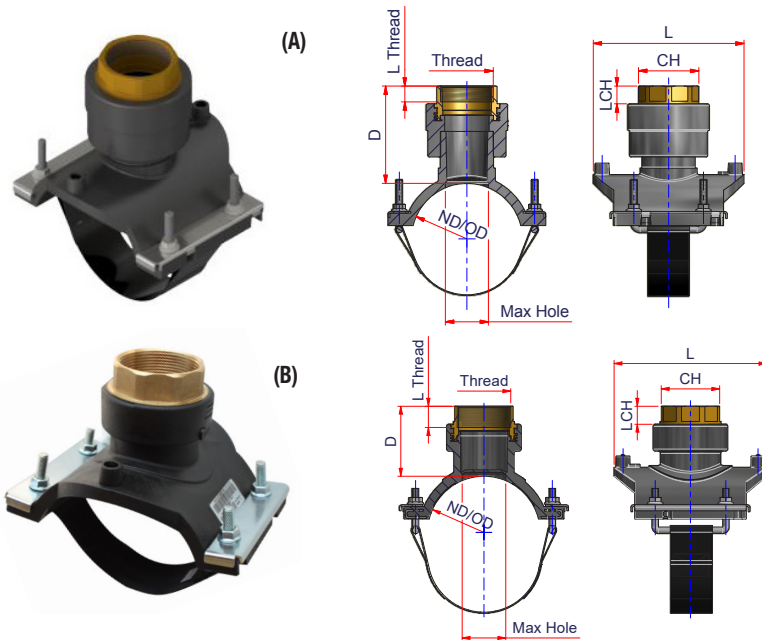
PE4710 230PSI SDR11 • IPS

Code	Type	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	OD	Thread	L Thread	CH	LCH	L	D	Max Hole	Price Each (\$)
12EICOLF11434LF	A	1" 1/4 IPS x 3/4" NPT	-	-	-	-	1.660	3/4" NPT	0.53	1.18	0.43	5.59	2.35	0.70	94.37
12EICOLF0234LF	A	2" IPS x 3/4" NPT	-	-	-	-	2.375	3/4" NPT	0.53	1.18	0.43	5.59	2.35	0.70	94.37
12EICOLF0334LF	A	3" IPS x 3/4" NPT	-	-	-	-	3.500	3/4" NPT	0.53	1.18	0.43	5.59	2.35	0.70	94.37
12EICOLF0434LF	A	4" IPS x 3/4" NPT	-	-	-	-	4.500	3/4" NPT	0.53	1.18	0.43	5.59	2.35	0.70	106.17
12EICOLF0634LF	A	6" IPS x 3/4" NPT	-	-	-	-	6.625	3/4" NPT	0.53	1.18	0.43	5.59	2.35	0.70	129.76
12EICOLF0834LF	A	8" IPS x 3/4" NPT	-	-	-	-	8.625	3/4" NPT	0.53	1.18	0.43	5.59	2.35	0.70	141.56
12EICOLF1034LF	A	10" IPS x 3/4" NPT	-	-	-	-	10.750	3/4" NPT	0.53	1.18	0.43	5.59	2.35	0.70	153.36
12EICOLF1234LF	A	12" IPS x 3/4" NPT	-	-	-	-	12.750	3/4" NPT	0.53	1.18	0.43	5.59	2.35	0.70	176.95
12EICOLF11401LF	A	1" 1/4 IPS x 1" NPT	-	-	-	-	1.660	1" NPT	0.66	1.49	0.43	5.59	2.83	0.90	109.71
12EICOLF0201LF	A	2" IPS x 1" NPT	-	-	-	-	2.375	1" NPT	0.66	1.49	0.43	5.59	2.83	0.90	109.71
12EICOLF0301LF	B	3" IPS x 1" NPT	-	-	-	-	3.500	1" NPT	0.66	1.49	0.51	5.55	2.24	0.98	109.71
12EICOLF0401LF	B	4" IPS x 1" NPT	-	-	-	-	4.500	1" NPT	0.66	1.49	0.51	5.55	2.24	0.98	123.87
12EICOLF0601LF	B	6" IPS x 1" NPT	-	-	-	-	6.625	1" NPT	0.66	1.49	0.51	5.55	2.24	0.98	153.36
12EICOLF0801LF	B	8" IPS x 1" NPT	-	-	-	-	8.625	1" NPT	0.66	1.49	0.51	5.55	2.24	0.98	165.15
12EICOLF1001LF	B	10" IPS x 1" NPT	-	-	-	-	10.750	1" NPT	0.66	1.49	0.51	5.55	2.24	0.98	176.95
12EICOLF1201LF	B	12" IPS x 1" NPT	-	-	-	-	12.750	1" NPT	0.66	1.49	0.43	5.59	2.83	0.98	188.75
12EICOLF03114LF	A	3" IPS x 1" 1/4 NPT	-	-	-	-	3.500	1" 1/4 NPT	0.68	1.81	0.47	5.59	3.26	1.25	141.56
12EICOLF04114LF	A	4" IPS x 1" 1/4 NPT	-	-	-	-	4.500	1" 1/4 NPT	0.68	1.81	0.47	5.59	3.26	1.25	153.36
12EICOLF06114LF	A	6" IPS x 1" 1/4 NPT	-	-	-	-	6.625	1" 1/4 NPT	0.68	1.81	0.47	5.59	3.26	1.25	165.15

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ELECTROFUSION FITTINGS



PE/BRASS ELECTROFUSION TRANSITION SADDLE

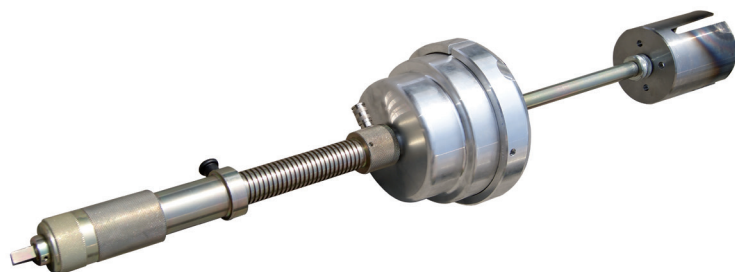
Weldable on pipe DR 17 - 15.5 - 13.5 - 11 - 9.3 - 9 - 7.3 - 7

SUITABLE FOR THE TRANSPORTATION OF HUMAN
CONSUMPTION FLUIDS

PE4710 230PSI SDR11 • IPS

Code	Type	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	OD	Thread	L Thread	CH	LCH	L	D	Max Hole	Price Each (\$)
12EICOLF08114LF	A	8" IPS x 1"¼ NPT	-	-	-	-	8.625	1" ¼ NPT	0.68	1.81	0.47	5.59	3.26	1.25	176.95
12EICOLF10114LF	A	10" IPS x 1"¼ NPT	-	-	-	-	10.750	1" ¼ NPT	0.68	1.81	0.47	5.59	3.26	1.25	200.54
12EICOLF12114LF	A	12" IPS x 1"¼ NPT	-	-	-	-	12.750	1" ¼ NPT	0.68	1.81	0.47	5.59	3.26	1.25	212.34
12EICOLF02112LF	A	2" IPS x 1"½ NPT	-	-	-	-	2.375	1"½ NPT	0.68	2.16	0.47	5.59	3.65	1.50	165.15
12EICOLF03112LF	A	3" IPS x 1"½ NPT	-	-	-	-	3.500	1"½ NPT	0.68	2.16	0.47	5.59	3.65	1.50	176.95
12EICOLF04112LF	A	4" IPS x 1"½ NPT	-	-	-	-	4.500	1"½ NPT	0.68	2.16	0.47	5.59	3.65	1.50	188.75
12EICOLF06112LF	A	6" IPS x 1"½ NPT	-	-	-	-	6.625	1"½ NPT	0.68	2.16	0.47	5.59	3.65	1.50	200.54
12EICOLF08112LF	A	8" IPS x 1"½ NPT	-	-	-	-	8.625	1"½ NPT	0.68	2.16	0.47	5.59	3.65	1.50	224.14
12EICOLF10112LF	A	10" IPS x 1"½ NPT	-	-	-	-	10.750	1"½ NPT	0.68	2.16	0.47	5.59	3.65	1.50	235.94
12EICOLF12112LF	A	12" IPS x 1"½ NPT	-	-	-	-	12.750	1"½ NPT	0.68	2.16	0.47	5.59	3.65	1.50	247.73
12EICOLF0202LF	B	2" IPS x 2" NPT	-	-	-	-	2.375	2" NPT	0.70	2.56	0.67	5.59	4.32	1.90	200.54
12EICOLF0302LF	B	3" IPS x 2" NPT	-	-	-	-	3.500	2" NPT	0.70	2.56	0.67	5.59	4.32	1.90	206.44
12EICOLF0402LF	B	4" IPS x 2" NPT	-	-	-	-	4.500	2" NPT	0.70	2.56	0.67	5.59	4.32	1.90	212.34
12EICOLF0602LF	B	6" IPS x 2" NPT	-	-	-	-	6.625	2" NPT	0.70	2.56	0.67	5.59	4.32	1.90	200.54
12EICOLF0802LF	B	8" IPS x 2" NPT	-	-	-	-	8.625	2" NPT	0.70	2.56	0.67	5.59	4.32	1.90	247.73
12EICOLF1002LF	B	10" IPS x 2" NPT	-	-	-	-	10.750	2" NPT	0.70	2.56	0.67	5.59	4.32	1.90	271.33
12EICOLF1202LF	B	12" IPS x 2" NPT	-	-	-	-	12.750	2" NPT	0.70	2.56	0.67	5.59	4.32	1.90	294.92

EQUIPMENT FOR BRANCH SADDLES



PIPE DRILLING MACHINE FOR NETWORKS UNDER PRESSURE

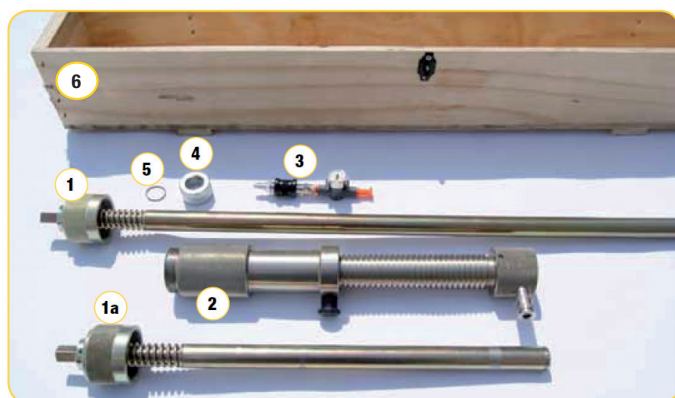
The drilling machine for high volume branch saddles has special sealed chambers to easily drill both pipes conveying gas or water under pressure and sewage pipes.

Thanks to interchangeable cutters (code 00FFxxx) and adapters (code 00FAxxx) it is possible to drill main pipelines from 3" to 40" with service lines from 2" to 6".

The basic machine is composed of:

1. Long shaft to drill under pressure and non-pressured lines
- 1a. Short shaft for non-pressured drilling
2. Body with threaded shaft, vent valve and safety lock
3. Pressure gauge with valve for pressure measuring and depressurizing
4. Ring nut for cutter holding
5. Seeger ring

Ratchet wrench, milling cutters and adapter are available separately.



WATCH OUR VIDEO INSTRUCTIONS ON OUR [YouTube](#) CHANNEL



Code	Description	Nominal Size (Pipelines) IPS	Nominal Size (Service line) IPS	Weight lb./p.	Volume ft ³ /p.	Price Each (\$)
00FP	COMPLETE MACHINE	3" ÷ 40"	2" ÷ 6"	30.800	0.4863	14,400.00
ACCESSORIES (not included)						
00KPS	SAFETY KIT FOR DRILLING MACHINE (7)					462.00
00FPWRENCH	WRENCH ¾" USAG 237-D					1,245.00
00KP212NPT	KIT FOR BRASS OUTLET FITTING (for item 12EIPAL..)					1,760.00
SPARE PARTS						
00FPSHAFTL	LONG SHAFT TO DRILL UNDER PRESSURE AND NON-PRESSURED LINES (1)					3,360.00
00FPSHAFT55	55" LONG SHAFT TO DRILL UNDER PRESSURE AND NON-PRESSURED LINES (1b)					2,875.00
00FPSHAFTS	SHORT SHAFT TO DRILL UNDER PRESSURE AND NON-PRESSURED LINES (1a)					2,843.00
00FPGUAGE	PRESSURE GAUGE WITH VALVE FOR PRESSURE MEASURING AND DEPRESSURIZING (3)					748.00
00FPNUT	RING NUT (4)					147.00
00KITORFP	O'RING KIT (2 ea. SEEGER RING & ELASTIC PLUGS. UPPUER O'RING) (5)					56.80
00FPBOX1	TRANSPORTING BOX (6)					2,984.00

All measures are in inches unless otherwise mentioned.

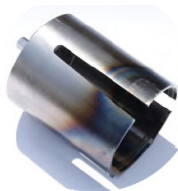
We reserve the right to vary dimensions without notice; check the web site for the updated dimensions.

EQUIPMENT FOR BRANCH SADDLES



ADAPTER FOR DRILLING MACHINE

Code	Nominal Size (Service line) IPS	Pack.	Weight lb./p.	Price Each (\$)
00IFA02	2"	1	3.960	2,985.00
00IFA03	3"	1	7.920	3,954.00
00IFA04	4"	1	9.240	4,306.50
00IFA06	6"	1	10.120	5,553.90
00IFA08	8"	1	-	8,910.00



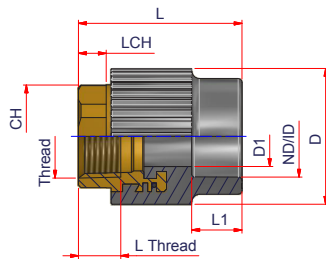
DRILLING CUTTER FOR DRILLING MACHINE

Code	Nominal Size (Service line) IPS	Drilling hole ø	Pack.	Price Each (\$)
00FF0632	2"	1.75"	1	1,376.60
00FF0903	3"	2.75"	1	1,707.00
00FF1104	4"	2.75"	1	1,945.00
00FF1606	6"	4.72"	1	2,910.00
00FF20008	8"	6.00"	1	5,420.00

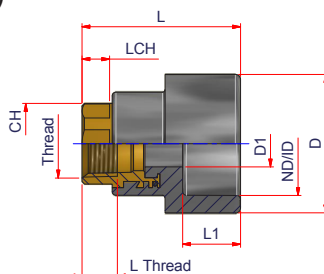
SOCKET FUSION FITTINGS



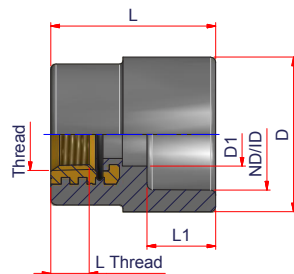
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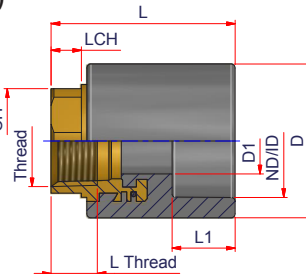
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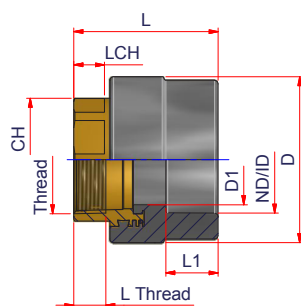
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(D)



(E)



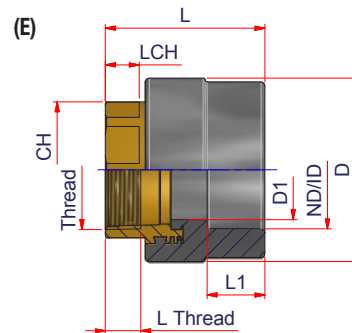
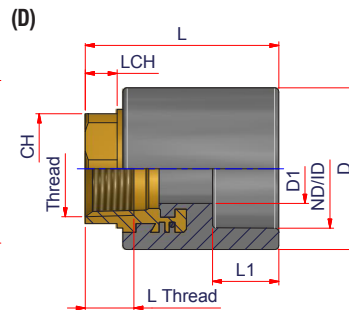
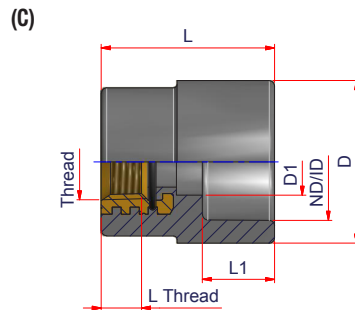
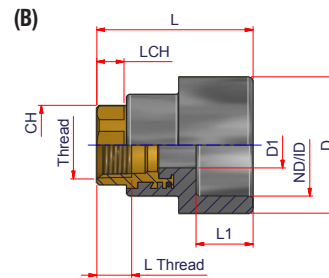
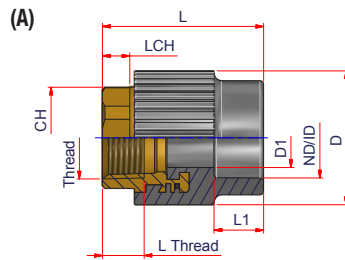
PE/NPT BRASS FEMALE SOCKET FUSION

**NOT SUITABLE FOR THE TRANSPORTATION
OF HUMAN CONSUMPTION FLUIDS**

PE4710 230PSI SDR11 • IPS

Code	Type	Nominal Diameter ϕ (NDxThread)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	ID	Thread	L Thread	L	L1	D	D1	CH	LCH	Price Each (\$)
12EIRFFS034034	A	¾" IPS x ¾" NPT	60	5400	0.275	0.0047	1.050	¾" NPT	0.53	2.28	0.67	1.65	0.73	1.18	0.43	18.63
12EIRFFS01034	B	1" IPS x ¾" NPT	50	4500	0.295	0.0057	1.315	¾" NPT	0.53	2.36	0.79	1.77	0.73	1.18	0.43	20.05
12EIRFFS0101	A	1" IPS x 1" NPT	32	2880	0.481	0.0087	1.315	1" NPT	0.66	2.56	0.79	2.13	0.95	1.50	0.43	39.40
12EIRFFS114034	B	1¼" IPS x ¾" NPT	35	3080	0.327	0.0080	1.660	¾" NPT	0.53	2.48	0.91	2.17	0.73	1.18	0.43	21.50
12EIRFFS01012	C	1" IPS x ½" NPT	75	6750	0.177	0.0037	1.315	½" NPT	0.51	1.89	0.79	1.77	0.73	-	-	15.77
12EIRFFS11401	D	1¼" IPS x 1" NPT	32	2880	0.526	0.0087	1.660	1" NPT	0.66	2.64	0.91	2.21	0.95	1.50	0.43	39.40
12EIRFFS114114	E	1¼" IPS x 1¼" NPT	25	2250	0.677	0.0160	1.660	1¼" NPT	0.68	2.72	0.91	2.56	1.30	1.81	0.47	42.97
12EIRFFS112112	E	1½" IPS x 1½" NPT	18	1620	0.953	0.0153	1.900	1½" NPT	0.68	2.79	0.98	2.95	1.55	2.16	0.47	55.88
12EIRFFS02112	D	2" IPS x 1½" NPT	10	900	1.144	0.0277	2.375	1½" NPT	0.68	2.96	1.14	3.46	1.56	2.16	0.47	60.89
12EIRFFS0202	E	2" IPS x 2" NPT	10	900	1.344	0.0306	2.375	2" NPT	0.70	3.15	1.14	3.62	1.97	2.56	0.67	83.92

SOCKET FUSION FITTINGS



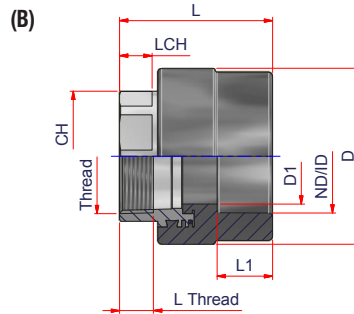
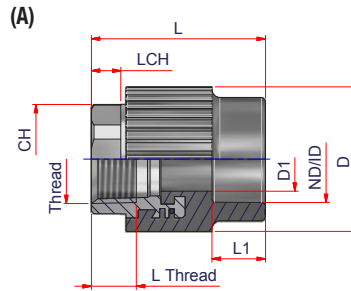
PE/NPT BRASS FEMALE SOCKET FUSION

*SUITABLE FOR THE TRANSPORTATION
OF HUMAN CONSUMPTION FLUIDS*

PE4710 230PSI SDR11 • IPS

Code	Type	Nominal Diameter ø (NDxThread)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	ID	Thread	L Thread	L	L1	D	D1	CH	LCH	Price Each (\$)
12EIRFFS034034LF	A	¾" IPS x ¾" NPT	60	5400	0.275	0.0047	1.050	¾" NPT	0.53	2.28	0.67	1.65	0.73	1.18	0.43	23.28
12EIRFFS01034LF	B	1" IPS x ¾" NPT	50	4500	0.295	0.0057	1.315	¾" NPT	0.53	2.36	0.79	1.77	0.73	1.18	0.43	25.87
12EIRFFS0101LF	A	1" IPS x 1" NPT	25	2250	0.481	0.0087	1.315	1" NPT	0.66	2.56	0.79	2.13	0.95	1.50	0.43	47.04
12EIRFFS114034LF	B	1¼" IPS x ¾" NPT	35	3150	0.327	0.0080	1.660	¾" NPT	0.53	2.48	0.91	2.17	0.73	1.18	0.43	45.86
12EIRFFS01012LF	C	1" IPS x ½" NPT	75	6750	0.177	0.0037	1.315	½" NPT	0.51	1.89	0.79	1.77	0.73	-	-	32.96
12EIRFFS11401LF	D	1¼" IPS x 1" NPT	32	2880	0.526	0.0087	1.660	1" NPT	0.66	2.64	0.91	2.21	0.95	1.50	0.43	47.04
12EIRFFS114114LF	E	1¼" IPS x 1¼" NPT	25	2250	0.677	0.0160	1.660	1¼" NPT	0.68	2.72	0.91	2.56	1.30	1.81	0.47	64.47
12EIRFFS112112LF	E	1½" IPS x 1½" NPT	18	1620	0.953	0.0153	1.900	1½" NPT	0.68	2.79	0.98	2.95	1.55	2.16	0.47	85.97
12EIRFFS02112LF	D	2" IPS x 1½" NPT	10	900	1.144	0.0277	2.375	1½" NPT	0.68	2.96	1.14	3.46	1.56	2.16	0.47	100.28
12EIRFFS0202LF	E	2" IPS x 2" NPT	10	900	1.344	0.0306	2.375	2" NPT	0.70	3.15	1.14	3.62	1.97	2.56	0.67	114.61

SOCKET FUSION FITTINGS



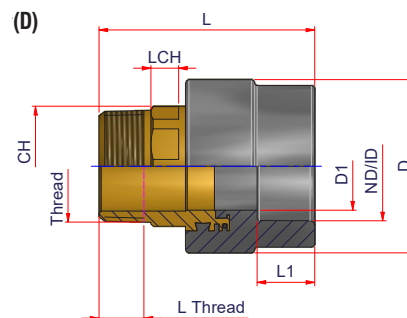
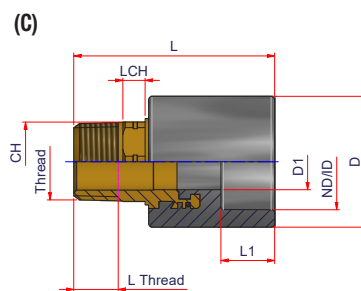
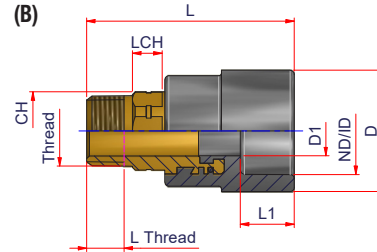
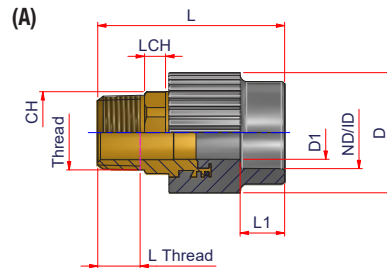
PE/NPT STAINLESS STEEL FEMALE SOCKET FUSION

SUITABLE FOR THE TRANSPORTATION
OF HUMAN CONSUMPTION FLUIDS

PE4710 230PSI SDR11 • IPS

Code	Type	Nominal Diameter ø (NDxThread)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	ID	Thread	L Thread	L	L1	D	D1	CH	LCH	Price Each (\$)
12EIRFFS0101SS	A	1" IPS x 1" NPT	30	2700	0.481	0.0087	1.315	1" NPT	0.66	2.56	0.79	2.13	0.95	1.50	0.43	90.00
12EIRFFS114114SS	B	1"¼ IPS x 1"¼ NPT	25	2250	0.677	0.0160	1.660	1"¼ NPT	0.68	2.72	0.91	2.56	1.30	1.81	0.47	139.00
12EIRFFS112112SS	B	1"½ IPS x 1"½ NPT	18	1620	0.953	0.0153	1.900	1"½ NPT	0.68	2.79	0.98	2.95	1.55	2.16	0.47	167.00
12EIRFFS0202SS	B	2" IPS x 2" NPT	10	900	1.344	0.0306	2.375	2" NPT	0.70	3.15	1.14	3.62	1.97	2.56	0.67	319.00

SOCKET FUSION FITTINGS



PE/NPT BRASS

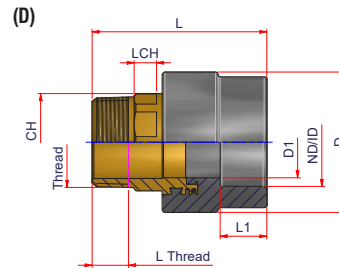
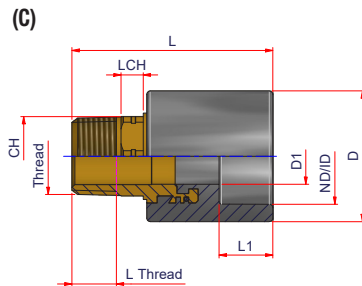
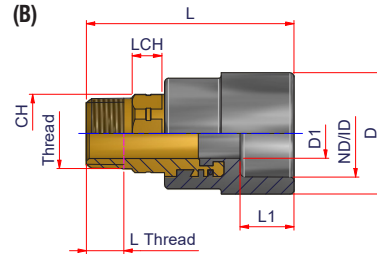
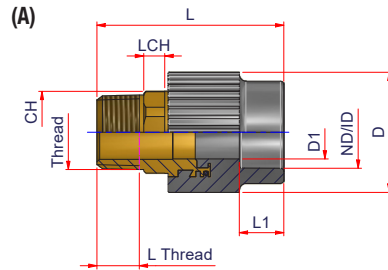
MALE SOCKET FUSION

**NOT SUITABLE FOR THE TRANSPORTATION
OF HUMAN CONSUMPTION FLUIDS**

PE4710 230PSI SDR11 • IPS

Code	Type	Nominal Diameter ø (NDxThread)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	ID	Thread	L Thread	L	L1	D	D1	CH	LCH	Price Each (\$)
12EIRFMS034034	A	¾" IPS x ¾" NPT	50	4500	0.275	0.0047	1.050	¾" NPT	0.54	2.95	0.67	1.65	0.73	1.06	0.43	18.63
12EIRFMS01034	B	1" IPS x ¾" NPT	50	4500	0.295	0.0057	1.315	¾" NPT	0.54	3.03	0.79	1.77	0.73	1.06	0.43	20.05
12EIRFMS0101	A	1" IPS x 1" NPT	26	2340	0.601	0.0107	1.315	1" NPT	0.68	3.31	0.79	2.12	0.94	1.34	0.37	39.40
12EIRFMS114034	B	1 ¼" IPS x ¾" NPT	30	2880	0.414	0.0100	1.660	¾" NPT	0.54	3.15	0.91	2.16	0.73	1.06	0.43	23.52
12EIRFMS11401	C	1 ¼" IPS x 1" NPT	30	2700	0.620	0.0093	1.660	1" NPT	0.68	3.39	0.91	2.21	0.94	1.34	0.37	28.66
12EIRFMS114114	D	1 ¼" IPS x 1 ¼" NPT	20	1800	0.386	0.0183	1.660	1 ¼" NPT	0.71	3.58	0.91	2.56	1.30	1.65	0.47	36.53
12EIRFMS112112	D	1 ½" IPS x 1 ½" NPT	12	1080	0.295	0.0230	1.900	1 ½" NPT	0.72	3.68	0.98	2.95	1.49	1.97	0.47	55.88
12EIRFMS0202	D	2" IPS x 2" NPT	9	810	1.815	0.0460	2.375	2" NPT	0.76	4.13	1.14	3.62	1.97	2.36	0.59	60.89

SOCKET FUSION FITTINGS



PE/NPT BRASS

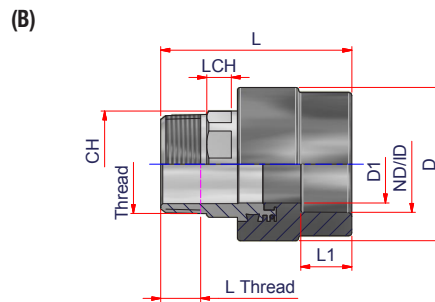
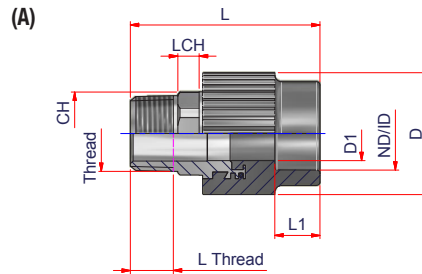
MALE SOCKET FUSION

*SUITABLE FOR THE TRANSPORTATION
OF HUMAN CONSUMPTION FLUIDS*

PE4710 230PSI SDR11 • IPS

Code	Type	Nominal Diameter ø (NDxThread)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	ID	Thread	L Thread	L	L1	D	D1	CH	LCH	Price Each (\$)
12EIRFMS034034LF	A	¾" IPS x ¾" NPT	50	4500	0.275	0.0047	1.050	¾" NPT	0.54	2.95	0.67	1.65	0.73	1.06	0.43	22.92
12EIRFMS01034LF	B	1" IPS x ¾" NPT	50	4500	0.295	0.0057	1.315	¾" NPT	0.54	3.03	0.79	1.77	0.73	1.06	0.43	25.78
12EIRFMS0101LF	A	1" IPS x 1" NPT	25	2250	0.601	0.0107	1.315	1" NPT	0.68	3.31	0.79	2.12	0.94	1.34	0.37	47.04
12EIRFMS114034LF	B	1"¼ IPS x ¾" NPT	30	1560	0.414	0.0100	1.660	¾" NPT	0.54	3.15	0.91	2.16	0.73	1.06	0.43	35.82
12EIRFMS11401LF	C	1"¼ IPS x 1" NPT	30	2700	0.620	0.0093	1.660	1" NPT	0.68	3.39	0.91	2.21	0.94	1.34	0.37	47.04
12EIRFMS114114LF	D	1"¼ IPS x 1" ¼ NPT	20	1800	0.386	0.0183	1.660	1"¼ NPT	0.71	3.58	0.91	2.56	1.30	1.65	0.47	64.47
12EIRFMS112112LF	D	1"½ IPS x 1"½ NPT	12	1080	0.295	0.0230	1.900	1"½ NPT	0.72	3.68	0.98	2.95	1.49	1.97	0.47	85.97
12EIRFMS0202LF	D	2" IPS x 2" NPT	9	810	1.815	0.0460	2.375	2" NPT	0.76	4.13	1.14	3.62	1.97	2.36	0.59	114.61

SOCKET FUSION FITTINGS

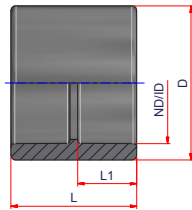


**PE/NPT STAINLESS STEEL
MALE SOCKET FUSION**
*SUITABLE FOR THE TRANSPORTATION
OF HUMAN CONSUMPTION FLUIDS*

PE4710 230PSI SDR11 • IPS

Code	Type	Nominal Diameter ø (NDxThread)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	ID	Thread	L Thread	L	L1	D	D1	CH	LCH	Price Each (\$)
12EIRFMS0101SS	A	1" IPS x 1" NPT	26	2288	0.601	0.0107	1.315	1" NPT	0.68	3.31	0.79	2.12	0.94	1.34	0.37	115.00
12EIRFMS114114SS	B	1"¼ IPS x 1" ¼ NPT	15	1320	0.386	0.0183	1.660	1"¼ NPT	0.71	3.58	0.91	2.56	1.30	1.65	0.47	155.00
12EIRFMS112112SS	B	1"½ IPS x 1"½ NPT	12	1128	0.295	0.0230	1.900	1"½ NPT	0.72	3.68	0.98	2.95	1.49	1.97	0.47	200.00
12EIRFMS0202SS	B	2" IPS x 2" NPT	6	528	1.815	0.0460	2.375	2" NPT	0.76	4.13	1.14	3.62	1.97	2.36	0.59	346.00

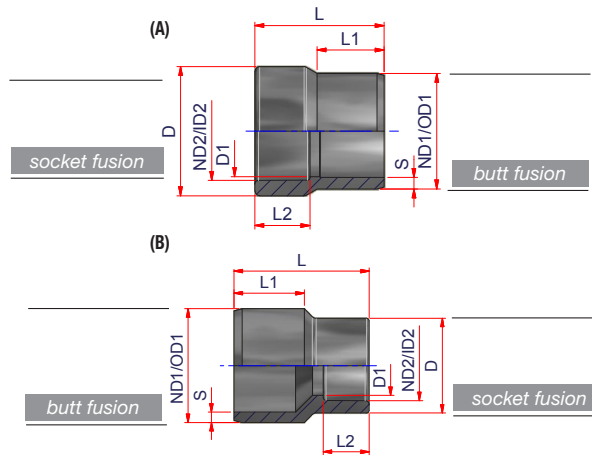
SOCKET FUSION FITTINGS



SOCKET FUSION COUPLER

PE4710 230PSI SDR11 • IPS

Code	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	ID	L1	D	L	Price Each (\$)
12EISC034	¾" IPS	450	12150	0.044	0.0020	1.050	0.83	1.38	1.81	2.30
12EISC01	1" IPS	300	8100	0.071	0.0031	1.315	0.79	1.77	1.69	2.55
12EISC114	1¼" IPS	400	4800	0.117	0.0053	1.660	0.91	2.21	1.89	2.81
12EISC112	1½" IPS	150	4050	0.113	0.0062	1.900	0.91	2.36	1.93	3.33
12EISC02	2" IPS	230	3120	0.171	0.0094	2.375	0.89	2.97	1.85	3.58



SOCKET FUSION REDUCER

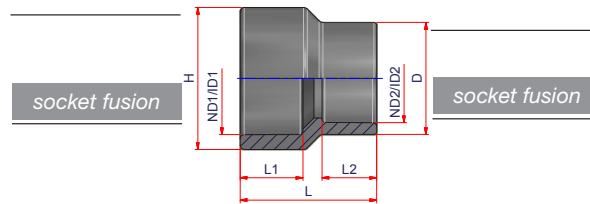
PE4710 230PSI SDR11 • IPS

Code	Type	Nominal Diameter ø (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	OD1	S	L1	ID2	L2	D1	L	D	Price Each (\$)
12EIRS114034	B	1¼" IPS x ¾" IPS	150	7200	0.057	0.0037	1.660	0.151	1.02	1.050	0.67	0.87	1.97	1.38	5.11
12EIRS11401	A	1¼" IPS x 1" IPS	300	8100	0.074	0.0057	1.660	0.151	1.02	1.315	0.79	1.10	1.97	1.78	5.11
12EIRS112034	B	1½" IPS x ¾" IPS	144	6912	0.067	0.0040	1.900	0.173	1.10	1.050	0.67	0.91	2.05	1.34	5.76
12EIRS11201	B	1½" IPS x 1" IPS	108	5616	0.075	0.0053	1.900	0.173	1.10	1.315	0.79	1.22	2.05	1.73	5.76
12EIRS112114	A	1½" IPS x 1¼" IPS	90	4680	0.094	0.0063	1.900	0.173	1.10	1.660	0.91	1.50	2.13	2.13	5.76
12EIRS02034	B	2" IPS x ¾" IPS	80	3840	0.121	0.0070	2.375	0.216	1.26	1.050	0.67	0.91	2.32	1.34	7.04
12EIRS0201	B	2" IPS x 1" IPS	80	4160	0.127	0.0070	2.375	0.216	1.26	1.315	0.79	1.22	2.32	1.73	7.04
12EIRS02114	B	2" IPS x 1¼" IPS	60	2880	0.139	0.0093	2.375	0.216	1.26	1.660	0.91	1.50	2.32	2.13	7.04
12EIRS02112	A	2" IPS x 1½" IPS	50	2600	0.163	0.0113	2.375	0.216	1.26	1.900	0.98	1.69	2.36	2.48	7.04

All measures are in inches unless otherwise mentioned.

We reserve the right to vary dimensions without notice; check the web site for the updated dimensions.

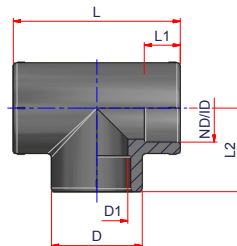
SOCKET FUSION FITTINGS



**SOCKET FUSION
FEMALE REDUCER**

PE4710 230PSI SDR11 • IPS

Code	Nominal Diameter ϕ (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	ID1	ID2	L1	L2	L	D	H	Price Each (\$)
12EIRSC034012C	¾" IPS x ½" CTS	750	20250	0.029	0.0014	1.050	0.625	0.67	0.67	1.52	1.06	1.26	3.15
12EIRSC01034	1" IPS x ¾" IPS	350	9450	0.052	0.0031	1.315	1.050	0.79	0.67	1.97	1.38	1.66	4.20
12EIRSC11434	1"½ IPS x ¾" IPS	250	6750	0.057	0.0048	1.660	1.050	0.91	0.67	1.97	1.38	2.05	5.25
12EIRSC11401	1"½ IPS x 1" IPS	250	6750	0.075	0.0048	1.660	1.315	0.91	0.79	1.97	1.61	2.05	5.78
12EIRSC11201	1"½ IPS x 1" IPS	200	5400	0.095	0.0062	1.860	1.315	0.91	0.79	1.93	1.61	2.36	6.30
12EIRSC112114	1"½ IPS x 1"½ IPS	170	4590	0.103	0.0062	1.860	1.660	0.91	0.91	1.93	2.05	2.36	6.30
12EIRSC0201	2" IPS x 1" IPS	110	2970	0.154	0.0119	2.375	1.315	1.02	0.79	2.36	1.61	2.95	7.14
12EIRSC02114	2" IPS x 1"½ IPS	100	2700	0.174	0.0119	2.375	1.660	1.02	0.91	2.36	2.05	2.95	7.14
12EIRSC02112	2" IPS x 1"½ IPS	100	2700	0.194	0.0119	2.375	1.860	1.02	0.91	2.36	1.93	2.95	7.14

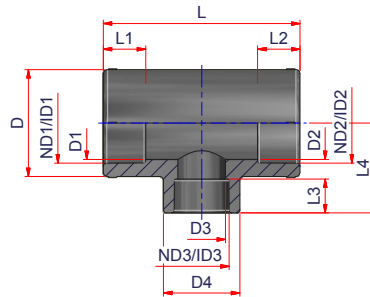


SOCKET FUSION TEE

PE4710 230PSI SDR11 • IPS

Code	Nominal Diameter ϕ (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	ID	L1	D1	L	D	L2	Price Each (\$)
12EIST034	¾" IPS	200	5400	0.097	0.0053	1.050	0.67	0.87	2.91	1.38	1.45	3.84
12EIST01	1" IPS	100	2700	0.194	0.0120	1.315	0.79	1.10	3.39	1.77	1.69	5.11
12EIST114	1"½ IPS	130	1560	0.311	0.0207	1.660	0.91	1.42	3.86	2.16	1.93	7.04
12EIST112	1"½ IPS	40	1080	0.446	0.0300	1.900	0.98	1.69	4.57	2.48	2.28	11.52
12EIST02	2" IPS	50	480	0.748	0.0533	2.375	1.02	2.13	5.20	3.07	2.60	14.70

SOCKET FUSION FITTINGS

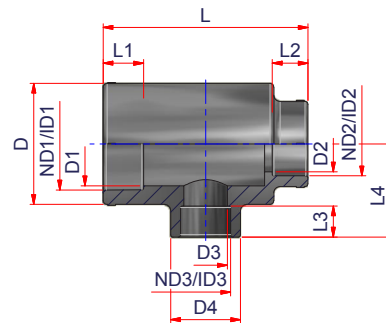


**SOCKET FUSION
REDUCED TEE**

PE4710 230PSI SDR11 • IPS

Code	Nominal Diameter Ø (ND1 x ND2 x ND3)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	ID1	L1	D1	ID2	L2	D2	ID3	L3	D3	D4	L	L4	D	Price Each (\$)
12EISTR0101034	1" IPS x 1" IPS x ¾" IPS	130	3510	0.167	0.0098	1.315	0.79	1.10	1.315	0.79	1.10	1.050	0.67	0.87	1.38	3.39	1.58	1.77	6.39
12EISTR114114034	1" ¼ IPS x 1" ¼ IPS x ¾" IPS	150	1440	0.260	0.0177	1.660	0.91	1.42	1.660	0.91	1.42	1.050	0.67	0.87	1.38	3.86	1.69	2.16	6.39
12EISTR11411401	1" ¼ IPS x 1" ¼ IPS x 1" IPS	150	1440	0.285	0.0177	1.660	0.91	1.42	1.660	0.91	1.42	1.315	0.79	1.10	1.77	3.86	1.81	2.16	6.39
12EISTR112112034	1" ½ IPS x 1" ½ IPS x ¾" IPS	20	960	0.402	0.0280	1.900	0.98	1.69	1.900	0.98	1.69	1.050	0.67	0.87	1.38	4.57	1.97	2.48	14.70
12EISTR11211201	1" ½ IPS x 1" ½ IPS x 1" IPS	50	1350	0.397	0.0240	1.900	0.98	1.69	1.900	0.98	1.69	1.315	0.79	1.10	1.78	4.57	2.09	2.48	14.70
12EISTR112112114	1" ½ IPS x 1" ½ IPS x 1" ¼ IPS	40	1080	0.418	0.0280	1.900	0.98	1.69	1.900	0.98	1.69	1.660	0.91	1.41	2.17	4.57	2.20	2.48	14.70
12EISTR0202034	2" IPS x 2" IPS x ¾" IPS	60	720	0.616	0.0410	2.375	1.02	2.13	2.375	1.02	2.13	1.050	0.67	0.87	1.38	5.20	2.24	3.07	16.00
12EISTR020201	2" IPS x 2" IPS x 1" IPS	60	720	0.664	0.0443	2.375	1.02	2.13	2.375	1.02	2.13	1.315	0.79	1.10	1.78	5.20	2.36	3.07	16.00
12EISTR0202114	2" IPS x 2" IPS x 1" ¼ IPS	50	480	0.695	0.0533	2.375	1.02	2.13	2.375	1.02	2.13	1.660	0.91	1.42	2.17	5.20	2.48	3.07	16.00
12EISTR0202112	2" IPS x 2" IPS x 1" ½ IPS	50	480	0.698	0.0533	2.375	1.02	2.13	2.375	1.02	2.13	1.900	0.98	1.69	2.17	5.20	2.48	3.07	16.00

SOCKET FUSION FITTINGS

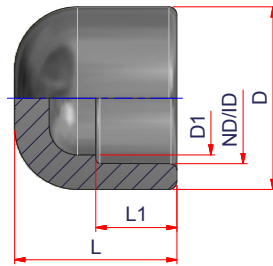


SOCKET FUSION REDUCED TEE

PE4710 230PSI SDR11 • IPS

Code	Nominal Diameter Ø (ND1 x ND2 x ND3)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	ID1	L1	D1	ID2	L2	D2	ID3	L3	D3	D4	L	L4	D	Price Each (\$)
12EISTR114034034	1"¼ IPS x ¾" IPS x ¾" IPS	180	2160	0.265	0.0147	1.660	0.91	1.42	1.050	0.67	0.87	1.050	0.67	0.87	1.38	3.86	1.69	2.16	6.39
12EISTR1140101	1"¼ IPS x 1" IPS x 1" IPS	150	1440	0.280	0.0177	1.660	0.91	1.42	1.315	0.79	1.10	1.315	0.79	1.10	1.77	3.86	1.81	2.16	6.39
12EISTR112114034	1"½ IPS x 1"¼ IPS x ¾" IPS	50	1350	0.389	0.0280	1.900	0.98	1.69	1.660	0.91	1.42	1.050	0.67	0.87	1.38	4.57	1.97	2.48	14.70
12EISTR11211401	1"½ IPS x 1"¼ IPS x 1" IPS	50	1350	0.392	0.0240	1.900	0.98	1.69	1.660	0.91	1.42	1.315	0.79	1.10	1.77	4.57	2.09	2.48	14.70
12EISTR112114114	1"½ IPS x 1"¼ IPS x 1"¼ IPS	45	1215	0.416	0.0267	1.900	0.98	1.69	1.660	0.91	1.42	1.660	0.91	1.42	2.16	4.57	2.20	2.48	14.70
12EISTR02114034	2" IPS x 1"¼ IPS x ¾" IPS	60	720	0.629	0.0443	2.375	1.02	2.13	1.660	0.91	1.42	1.050	0.67	0.87	1.38	5.20	2.24	3.07	16.00
12EISTR0211401	2" IPS x 1"¼ IPS x 1" IPS	60	720	0.640	0.0443	2.375	1.02	2.13	1.660	0.91	1.42	1.315	0.79	1.10	1.77	5.20	2.36	3.07	16.00
12EISTR02114114	2" IPS x 1"¼ IPS x 1"¼ IPS	60	720	0.664	0.0443	2.375	1.02	2.13	1.660	0.91	1.42	1.660	0.91	1.42	2.17	5.20	2.48	3.07	16.00
12EISTR02112034	2" IPS x 1"½ IPS x ¾" IPS	60	720	0.651	0.0466	2.375	1.02	2.13	1.900	0.98	1.69	1.050	0.67	0.87	1.38	5.20	2.24	3.07	16.00
12EISTR0211201	2" IPS x 1"½ IPS x 1" IPS	60	720	0.682	0.0560	2.375	1.02	2.13	1.900	0.98	1.69	1.315	0.79	1.10	1.77	5.20	2.36	3.07	16.00
12EISTR02112114	2" IPS x 1"½ IPS x 1"¼ IPS	60	720	0.680	0.0443	2.375	1.02	2.13	1.900	0.98	1.69	1.660	0.91	1.42	2.17	5.20	2.48	3.07	16.00

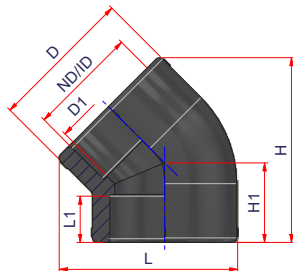
SOCKET FUSION FITTINGS



SOCKET FUSION END CAP

PE4710 230PSI SDR11 • IPS

Code	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	ID	D1	L1	L	D	Price Each (\$)
12EISCAP034	¾" IPS	800	21600	0.033	0.0015	1.050	0.87	0.67	1.34	1.38	2.55
12EISCAP01	1" IPS	380	10260	0.071	0.0029	1.315	1.10	0.79	1.58	1.77	3.20
12EISCAP114	1¼" IPS	250	6750	0.096	0.0044	1.660	1.42	0.91	1.69	2.13	4.47
12EISCAP112	1½" IPS	170	4590	0.183	0.0074	1.900	1.69	0.98	1.89	2.60	4.82
12EISCAP02	2" IPS	130	3510	0.200	0.0093	2.375	2.19	0.91	1.77	2.97	5.11

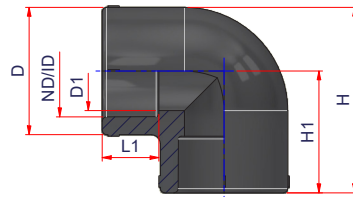


SOCKET FUSION 45° ELBOW

PE4710 230PSI SDR11 • IPS

Code	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	ID	D1	D	L1	L	H1	H	Price Each (\$)
12EISC4501	1" IPS	250	6750	0.129	0.0053	1.315	1.18	1.65	0.79	2.21	1.14	2.52	5.11
12EISC45114	1¼" IPS	140	3780	0.134	0.0095	1.660	1.42	2.09	0.91	2.64	1.26	2.85	7.67
12EISC45112	1½" IPS	70	1890	0.295	0.0176	1.900	1.87	2.60	0.98	3.29	1.56	3.54	9.69
12EISC4502	2" IPS	50	1350	0.384	0.0314	2.375	2.36	3.27	1.02	4.02	1.77	4.13	11.52

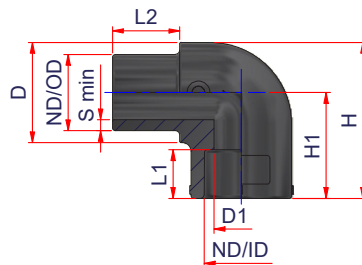
SOCKET FUSION FITTINGS



SOCKET FUSION 90° ELBOW

PE4710 230PSI SDR11 • IPS

Code	Nominal Diameter ϕ (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	ID	D	D1	L1	H1	H	Price Each (\$)
12EISG034	¾" IPS	320	8640	0.076	0.0024	1.050	1.38	0.86	0.67	1.46	2.15	3.20
12EISG01	1" IPS	150	4590	0.149	0.0047	1.315	1.77	1.10	0.79	1.69	2.58	3.20
12EISG114	1¼" IPS	250	2400	0.231	0.0081	1.660	2.16	1.41	0.91	1.93	3.01	3.84
12EISG112	1½" IPS	130	1560	0.348	0.0125	1.900	2.48	1.69	0.98	2.28	3.52	7.04
12EISG02	2" IPS	80	960	0.527	0.0212	2.375	2.99	2.12	1.02	2.60	4.10	10.88

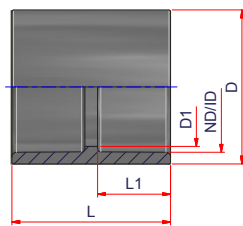


**SOCKET FUSION 90° ELBOW
FEMALE/MALE**

PE4710 230PSI SDR11 • IPS

Code	Nominal Diameter ϕ (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD	S	ID	D	D1	L1	L2	H1	H	Price Each (\$)
12EISGMF034034	¾" IPS x ¾" IPS	300	8100	0.037	0.0038	1.050	0.095	1.050	1.378	0.87	0.669	0.925	1.457	2.146	3.36

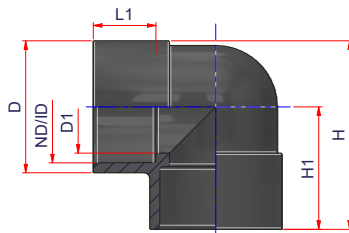
GEOHERMAL FITTINGS



SOCKET FUSION COUPLER

PE4710 • IPS

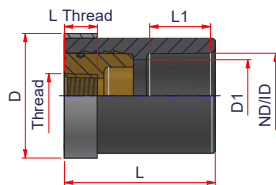
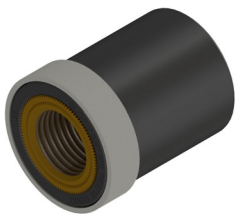
Code	Nominal Diameter ϕ (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	ID	D1	L1	L	D	Price Each (\$)
12EISCG114	1"¼ IPS	260	6240	0.068	0.0053	1.660	1.48	0.91	1.97	1.91	3.58



SOCKET FUSION 90° ELBOW

PE4710 • IPS

Code	Nominal Diameter ϕ (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	ID	D	D1	L1	H1	H	Price Each (\$)
12EISGG114	1"¼ IPS	250	2400	0.125	0.0107	1.660	1.91	1.34	0.90	1.77	2.73	5.11

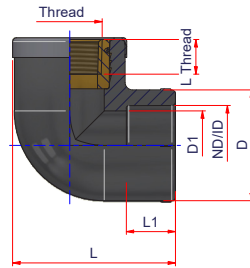


FEMALE PIPE THREAD ADAPTER

PE4710 230PSI • IPS

Code	Nominal Diameter ϕ (NDxThread)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	ID	D1	D	Thread	L Thread	L1	L	Price Each (\$)
12EIGRFF034014	¾" IPS x ¼"NPT	60	600	0.225	0.0235	1.050	0.87	1.50	1/4" NPT	0.395	0.83	1.81	18.38
12EIGRFF034012	¾" IPS x ½"NPT	60	600	0.189	0.0235	1.050	0.87	1.50	1/2" NPT	0.534	0.83	1.81	18.38

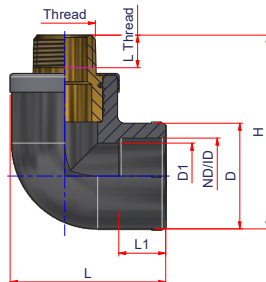
GEOHERMAL FITTINGS



**FEMALE PIPE THREAD ADAPTER
90° ELBOW**

PE4710 230PSI • IPS

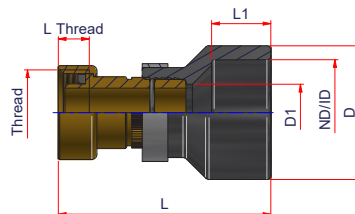
Code	Nominal Diameter ϕ (NDxThread)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	ID	D1	D	Thread	L Thread	L1	L	Price Each (\$)
12EIGGF01034	1" IPS x 3/4" NPT	30	2700	0.328	0.0072	1.315	0.89	1.83	3/4" NPT	0.581	0.79	2.61	26.25



**MALE PIPE THREAD ADAPTER
90° ELBOW**

PE4710 230PSI • IPS

Code	Nominal Diameter ϕ (NDxThread)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	ID	D1	D	Thread	L Thread	L1	L	H	Price Each (\$)
12EIGGM034034	3/4" IPS x 3/4" NPT	-	-	0.287	0.0056	1.050	0.87	1.50	3/4" NPT	0.550	0.67	2.20	2.93	POA
12EIGGM01034	1" IPS x 3/4" NPT	-	-	0.419	0.0091	1.315	0.89	1.83	3/4" NPT	0.550	0.79	2.61	3.28	POA



**FEMALE THREADED
SWIVEL ADAPTER**

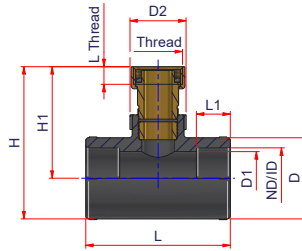
PE4710 230PSI • IPS

Code	Nominal Diameter ϕ (NDxThread)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	ID	D1	D	Thread	L Thread	L1	L	Price Each (\$)
12EIGRFFSW03401	3/4" IPS x 1"	50	600	0.392	0.0038	1.050	0.905	1.50	1" ISO 228	0.472	0.80	2.90	43.31
12EIGRFFSW0101	1" IPS x 1"	50	600	0.408	0.0055	1.315	0.433	1.70	1" ISO 228	0.472	0.80	3.30	43.31
12EIGRFFSW11401	1 1/4" IPS x 1"	30	600	0.425	0.0076	1.660	0.433	2.00	1" ISO 228	0.472	0.90	3.30	43.31

All measures are in inches unless otherwise mentioned.

We reserve the right to vary dimensions without notice; check the web site for the updated dimensions.

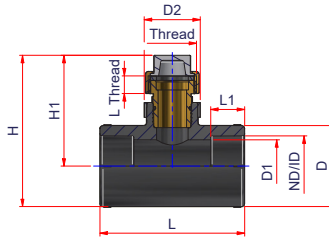
GEOHERMAL FITTINGS



FEMALE THREADED ADAPTER TEE

PE4710 230PSI • IPS

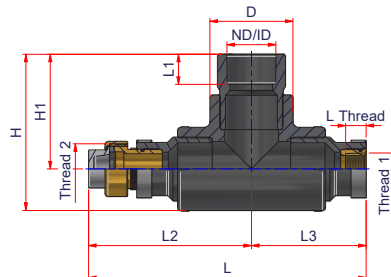
Code	Nominal Diameter ϕ (NDxThread)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	ID	D1	D2	D	Thread	L Thread	L1	L	H1	H	Price Each (\$)
12EIGSTFSW11401	1" 1/4 IPS x 1" NPT	15	1350	0.608	0.0196	1.050	1.42	1.50	2.17	1" NPT	0.534	0.91	3.86	2.98	4.06	43.31



MALE THREADED ADAPTER TEE

PE4710 230PSI • IPS

Code	Nominal Diameter ϕ (NDxThread)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	ID	D1	D2	D	Thread	L Thread	L1	L	H1	H	Price Each (\$)
12EIGSTMSW11401	1" 1/4 IPS x 1" NPT	50	600	0.567	0.0195	1.660	1.42	1.50	2.17	1" NPT	0.472	0.91	3.86	2.95	4.04	43.31

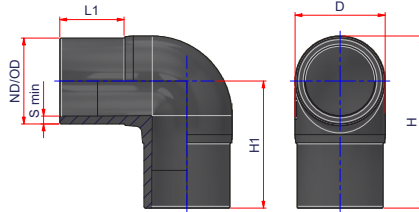


MALE/FEMALE THREADED ADAPTER TEE

PE4710 230PSI • IPS

Code	Nominal Diameter ϕ (NDxThread 1xThread 2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	ID	D	Thread 1	L Thread	Thread 2	L1	L2	L3	L	H1	H	Price Each (\$)
12EIGSTMF0101201	1" IPS x 1/2" NPT x 1" ISO 228	-	-	0.891	0.0369	1.315	2.17	1/2" NPT	0.534	1" ISO 228	0.79	2.99	4.25	7.24	2.99	4.08	40.69

BUTT FUSION FITTINGS



LONG SPIGOT 90° ELBOW

PE4710 160PSI SDR17 • IPS

Code	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	OD	D	S	L1	H1	H	Price Each (\$)
12DIG02	2" IPS	50	600	0.470	0.0505	2.375	2.68	0.140	2.76	4.72	6.06	10.38
12DIG03	3" IPS	24	288	1.113	0.1213	3.500	3.80	0.206	3.54	5.85	7.75	22.25
12DIG04	4" IPS	40	120	2.713	0.1971	4.500	4.80	0.265	3.43	6.30	8.70	27.81
12DIG06	6" IPS	15	40	5.148	0.5819	6.625	6.77	0.390	4.72	8.94	12.32	76.62
12DIG08	8" IPS	12	24	12.722	1.2162	8.625	9.17	0.507	5.51	11.02	15.61	198.66
12DIG10	10" IPS	7	14	21.791	2.1200	10.750	11.34	0.633	6.10	12.80	18.60	451.50
12DIG12	12" IPS	4	8	43.618	3.4969	12.750	12.99	0.750	7.60	15.28	21.77	556.50

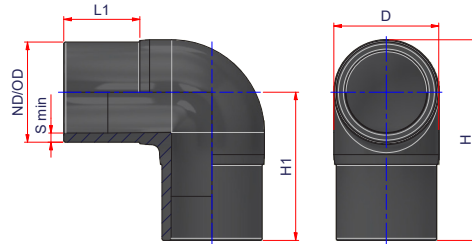
PE4710 230PSI SDR11 • IPS

Code	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	OD	D	S	L1	H1	H	FM APPROVED	Price Each (\$)
12EIG02	2" IPS	50	600	0.556	0.0505	2.375	2.68	0.216	2.76	4.72	6.06	200 PSI	10.75
12EIG03	3" IPS	24	288	0.672	0.1217	3.500	3.80	0.318	3.54	5.85	7.75	200 PSI	23.03
12EIG04	4" IPS	11	132	2.662	0.1971	4.500	4.80	0.409	3.43	6.30	8.70	200 PSI	32.19
12EIG06	6" IPS	15	40	6.978	0.5819	6.625	6.77	0.603	4.72	8.94	12.32	200 PSI	82.69
12EIG08	8" IPS	12	24	18.333	1.2162	8.625	9.17	0.785	5.51	11.02	15.61	200 PSI	220.47
12EIG10	10" IPS	7	14	30.102	2.1522	10.750	11.34	0.977	6.10	12.80	18.60	200 PSI	514.50
12EIG12	12" IPS	4	8	46.055	3.4969	12.750	12.99	1.159	7.60	15.28	21.77	200 PSI	661.50

PE4710 230PSI SDR11 • DIPS

Code	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	OD	D	S	L1	H1	H	Price Each (\$)
12EIG04D	4" DIPS	8	96	3.521	0.2792	4.800	5.16	0.437	3.54	7.09	9.67	49.80
12EIG06D	6" DIPS	12	48	8.572	0.6736	6.900	7.24	0.630	4.72	9.06	12.68	91.62
12EIG08D	8" DIPS	12	24	17.756	1.3566	9.050	9.45	0.827	5.51	11.02	15.75	239.97

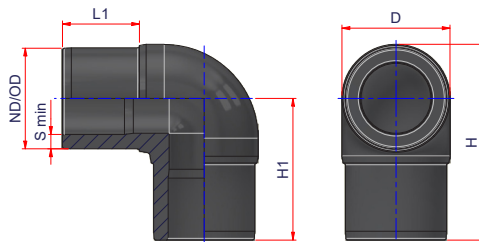
BUTT FUSION FITTINGS



LONG SPIGOT 90° ELBOW

PE4710 300PSI SDR9 • IPS

Code	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	OD	D	S	L1	H1	H	FM APPROVED	Price Each (\$)
12HIG02	2" IPS	50	600	0.814	0.0505	2.375	2.68	0.264	2.76	4.72	6.06		23.74
12HIG03	3" IPS	24	288	2.017	0.1213	3.500	3.80	0.389	3.54	5.85	7.75		39.68
12HIG04	4" IPS	14	168	3.520	0.1971	4.500	4.80	0.500	3.43	6.30	8.70	250 PSI	56.24
12HIG06	6" IPS	33	50	9.240	0.5819	6.625	6.77	0.736	4.72	8.94	12.32	250 PSI	134.99
12HIG08	8" IPS	12	24	23.429	1.2162	8.625	9.17	0.958	5.51	11.02	15.61	250 PSI	297.84
12HIG10	10" IPS	-	-	40.503	2.0856	10.750	11.26	1.194	6.06	12.68	18.31	250 PSI	577.50
12HIG12	12" IPS	4	8	62.909	3.4457	12.750	12.99	1.417	7.60	15.12	21.61	250 PSI	735.00



LONG SPIGOT 90° ELBOW

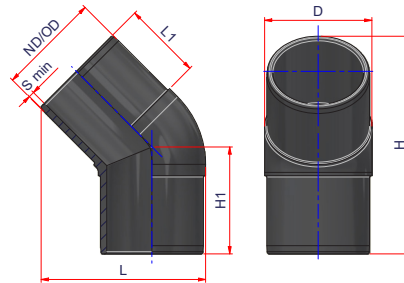
PE4710 340PSI SDR7 • IPS

Code	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	OD	D	S	L1	H1	H		Price Each (\$)
12GIG02	2" IPS	50	600	0.862	0.0505	2.375	2.68	0.343	2.76	4.72	6.06		23.74
12GIG03	3" IPS	24	288	2.209	0.1213	3.500	3.88	0.500	3.54	5.85	7.74		39.68
12GIG04	4" IPS	14	168	3.780	0.1971	4.500	4.80	0.642	3.43	6.30	8.70		56.24
12GIG06	6" IPS	10	60	10.220	0.5819	6.625	6.77	0.949	4.72	8.94	12.32		134.99
12GIG08	8" IPS	12	24	23.590	1.2162	8.614	9.17	1.236	5.51	11.02	15.61		297.84
12GIG10	10" IPS	-	-	41.191	2.4737	6.625	11.26	1.539	6.06	12.68	18.31		577.50
12GIG12	12" IPS	4	8	63.863	3.4457	8.614	12.99	1.821	7.60	15.12	21.61		735.00

All measures are in inches unless otherwise mentioned.

We reserve the right to vary dimensions without notice; check the web site for the updated dimensions.

BUTT FUSION FITTINGS



LONG SPIGOT 45° ELBOW

PE4710 160PSI SDR17 • IPS

Code	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	OD	D	S	L1	L	H1	H	Price Each (\$)
12DIC02	2" IPS	70	840	0.350	0.0496	2.370	2.68	0.140	2.76	4.66	3.54	6.86	10.38
12DIC03	3" IPS	25	300	1.188	0.1306	3.492	3.80	0.206	3.54	6.42	4.72	9.25	22.12
12DIC04	4" IPS	57	228	1.870	0.1803	4.492	4.53	0.265	3.43	7.15	4.72	9.62	26.26
12DIC06	6" IPS	12	48	3.758	0.5175	6.618	6.77	0.390	4.13	10.13	6.3	13.04	76.62
12DIC08	8" IPS	15	30	12.760	1.2533	8.575	9.17	0.507	5.51	13.55	8.47	17.43	198.66
12DIC10	10" IPS	8	16	21.127	2.1993	10.750	11.34	0.633	6.10	16.34	9.84	20.51	518.08
12DIC12	12" IPS	-	-	-	3.6097	12.750	12.99	0.750	7.60	19.37	11.93	24.79	556.50

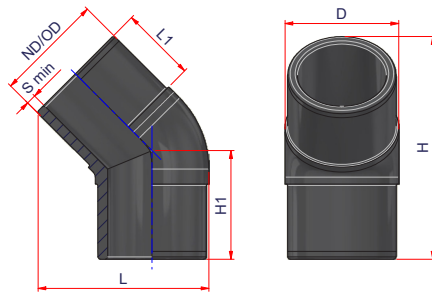
PE4710 230PSI SDR11 • IPS

Code	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	OD	D	S	L1	L	H1	H	FM APPROVED	Price Each (\$)
12EIC02	2" IPS	70	840	0.460	0.0496	2.375	2.68	0.216	2.76	4.66	3.54	6.86	200 PSI	10.13
12EIC03	3" IPS	25	300	1.302	0.1306	3.500	3.80	0.318	3.54	6.42	4.72	9.25	200 PSI	23.03
12EIC04	4" IPS	14	168	2.043	0.1803	4.500	4.53	0.409	3.43	7.15	4.72	9.62	200 PSI	32.19
12EIC06	6" IPS	18	72	5.662	0.5175	6.625	6.77	0.603	4.13	10.13	6.30	13.04	200 PSI	82.33
12EIC08	8" IPS	14	28	12.956	1.2533	8.625	9.17	0.785	5.51	13.55	8.47	17.43	200 PSI	206.07
12EIC10	10" IPS	8	-	23.528	2.1993	10.750	11.34	0.977	6.10	16.34	9.84	20.51	200 PSI	569.89
12EIC12	12" IPS	-	-	-	3.6097	12.750	12.99	1.160	7.60	19.37	11.93	24.79	200 PSI	661.50

PE4710 230PSI SDR11 • DIPS

Code	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	OD	D	S	L1	L	H1	H	Price Each (\$)
12EIC04D	4" DIPS	12	144	2.319	0.2289	4.800	5.14	0.437	3.54	7.64	4.92	10.04	49.82
12EIC06D	6" DIPS	11	44	7.196	0.6847	6.900	7.38	0.630	4.33	11.08	7.09	14.47	91.62
12EIC08D	8" DIPS	14	28	13.911	1.4250	9.050	9.45	0.827	5.51	14.83	8.47	17.57	239.97

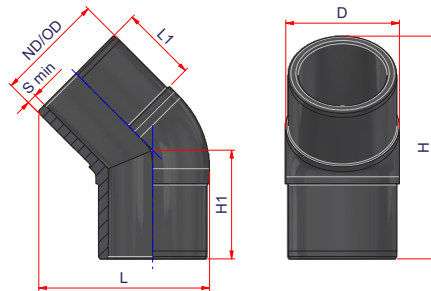
BUTT FUSION FITTINGS



LONG SPIGOT 45° ELBOW

PE4710 300PSI SDR9 • IPS

Code	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	OD	D	S	L1	L	H1	H	FM APPROVED	Price Each (\$)
12HIC02	2" IPS	30	810	0.605	0.0496	2.375	2.68	0.264	2.76	4.66	3.54	6.86		12.79
12HIC03	3" IPS	25	300	1.628	0.1306	3.500	3.8	0.389	3.54	6.42	4.72	9.25		28.74
12HIC04	4" IPS	15	180	2.567	0.1803	4.500	4.53	0.500	3.43	7.15	4.72	9.62	250 PSI	40.91
12HIC06	6" IPS	19	76	7.792	0.5175	6.625	6.77	0.736	4.13	10.13	6.30	13.04	250 PSI	104.06
12HIC08	8" IPS	14	28	17.032	1.4250	8.625	9.45	0.958	5.51	14.83	8.47	17.57	250 PSI	249.51
12HIC10	10" IPS	14	28	32.869	2.2211	10.750	11.34	1.194	6.10	16.43	9.84	20.60	250 PSI	577.50
12HIC12	12" IPS	-	-	-	3.6093	12.750	12.99	1.417	7.60	19.36	11.93	24.80	250 PSI	735.00

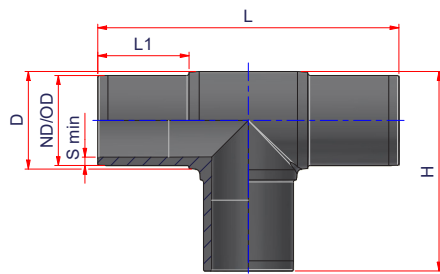


LONG SPIGOT 45° ELBOW

PE4710 340PSI SDR7 • IPS

Code	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	OD	D	S	L1	L	H1	H		Price Each (\$)
12GIC02	2" IPS	60	720	0.606	0.0496	2.375	2.68	0.343	2.76	4.66	3.54	6.86		23.74
12GIC03	3" IPS	24	288	1.698	0.1306	3.500	3.80	0.500	3.54	6.42	4.72	9.25		39.68
12GIC04	4" IPS	15	180	2.606	0.1803	4.500	4.53	0.642	3.43	7.15	4.72	9.62		56.24
12GIC06	6" IPS	18	72	7.785	0.5175	6.625	6.77	0.949	4.13	10.13	6.30	13.04		134.99
12GIC08	8" IPS	14	28	18.713	1.2533	8.625	9.17	1.236	5.51	13.55	8.47	17.43		297.84
12GIC10	10" IPS	8	16	33.556	2.2211	10.750	11.34	1.539	6.10	16.43	9.84	20.60		577.50
12GIC12	12" IPS	-	-	-	3.6093	12.750	12.99	1.821	7.60	19.36	11.93	24.80		735.00

BUTT FUSION FITTINGS



LONG SPIGOT 90° TEE

PE4710 160PSI SDR17 • IPS

Code	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	OD	D	S	L1	L	H	Price Each (\$)
12DIT02	2" IPS	30	360	0.843	0.0888	2.375	2.68	0.140	2.76	9.45	6.06	13.60
12DIT03	3" IPS	15	180	1.980	0.2016	3.500	3.84	0.206	3.54	11.69	7.76	23.79
12DIT04	4" IPS	51	96	3.460	0.3045	4.500	4.80	0.265	3.43	12.60	8.70	36.83
12DIT06	6" IPS	12	48	6.930	0.8625	6.625	6.77	0.390	4.72	17.87	12.32	85.90
12DIT08	8" IPS	8	16	16.011	1.8266	8.625	9.17	0.507	5.51	22.05	15.61	221.37
12DIT10	10" IPS	9	9	26.793	3.0246	10.750	11.34	0.633	6.10	25.35	18.31	577.50
12DIT12	12" IPS	5	5	57.270	4.9996	12.750	12.99	0.750	7.60	30.55	21.77	735.00

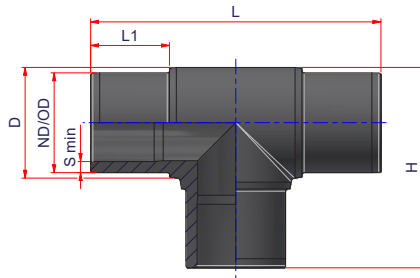
PE4710 230PSI SDR11 • IPS

Code	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	OD	D	S	L1	L	H		Price Each (\$)
12EIT02	2" IPS	30	360	0.895	0.0888	2.375	2.68	0.216	2.76	9.45	6.06	180 PSI	14.55
12EIT03	3" IPS	15	180	2.053	0.2016	3.500	3.84	0.318	3.54	11.69	7.76	180 PSI	26.44
12EIT04	4" IPS	34	100	3.557	0.3045	4.500	4.80	0.409	3.43	12.60	8.70	200 PSI	41.78
12EIT06	6" IPS	10	40	10.228	0.8625	6.625	6.77	0.603	4.72	17.87	12.32	200 PSI	99.02
12EIT08	8" IPS	8	20	24.640	1.8266	8.625	9.17	0.785	5.51	22.05	15.61	200 PSI	233.76
12EIT10	10" IPS	4	8	39.414	3.1001	10.750	11.34	0.977	6.06	25.12	18.19	200 PSI	630.00
12EIT12	12" IPS	6	6	60.916	4.9996	12.750	12.99	1.159	7.60	30.55	21.77	200 PSI	819.00

PE4710 230PSI SDR11 • DIPS

Code	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	OD	D	S	L1	L	H	Price Each (\$)
12EIT04D	4" DIPS	6	72	4.696	0.4092	4.800	5.16	0.437	3.54	14.17	9.67	57.21
12EIT06D	6" DIPS	7	28	11.345	0.9621	6.900	7.24	0.630	4.72	18.11	12.68	91.62
12EIT08D	8" DIPS	8	16	23.379	1.8992	9.050	9.45	0.827	5.51	22.05	15.75	272.13

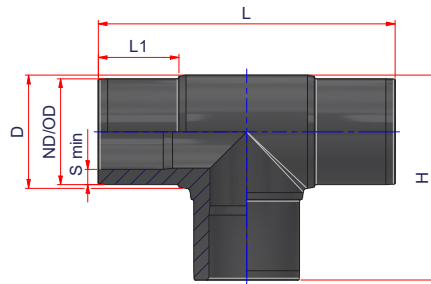
BUTT FUSION FITTINGS



LONG SPIGOT 90° TEE

PE4710 300PSI SDR9 • IPS

Code	Nominal Diameter ϕ (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD	S	D	L1	L	H	FM APPROVED	Price Each (\$)
12HIT02	2" IPS	30	360	1.184	0.0888	2.375	0.264	2.68	2.79	9.45	6.06		24.57
12HIT03	3" IPS	16	192	2.888	0.2016	3.500	0.389	3.84	3.54	11.69	7.76		43.39
12HIT04	4" IPS	25	100	4.884	0.3045	4.500	0.500	4.80	3.43	12.60	8.70	250 PSI	68.21
12HIT06	6" IPS	24	48	14.163	0.8625	6.625	0.736	6.77	4.72	17.87	12.32	250 PSI	167.97
12HIT08	8" IPS	10	20	22.414	1.8266	8.625	0.958	9.17	5.51	22.05	15.61	250 PSI	376.94
12HIT10	10" IPS	1	-	53.453	2.9935	10.75	1.194	11.26	5.93	25.20	18.23		661.50
12HIT12	12" IPS	1	-	85.129	4.9125	12.75	1.417	12.99	7.60	30.24	21.61		1,010.10

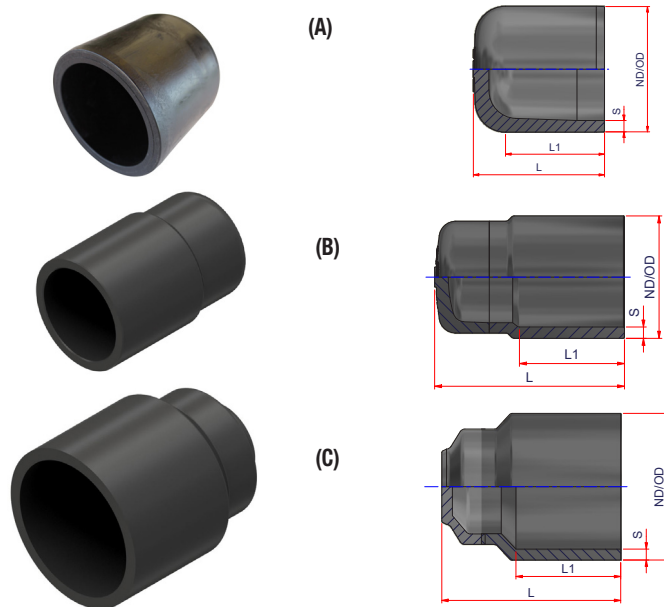


LONG SPIGOT 90° TEE

PE4710 340PSI SDR7 • IPS

Code	Nominal Diameter ϕ (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD	D	S	L1	L	H	Price Each (\$)
12GIT02	2" IPS	30	360	1.137	0.0888	2.375	2.68	0.343	2.79	9.45	6.06	24.57
12GIT03	3" IPS	16	192	3.094	0.2016	3.500	3.84	0.500	3.54	11.69	7.76	43.39
12GIT04	4" IPS	8	96	5.211	0.3045	4.500	4.80	0.642	3.43	12.60	8.70	68.21
12GIT06	6" IPS	24	48	14.179	0.8625	6.625	6.77	0.949	4.72	17.87	12.32	167.97
12GIT08	8" IPS	9	18	32.150	1.8266	8.625	9.17	1.236	5.51	22.05	15.61	376.94
12GIT10	10" IPS	1	-	54.902	2.9775	10.750	11.26	1.539	6.06	25.12	18.19	661.50

BUTT FUSION FITTINGS

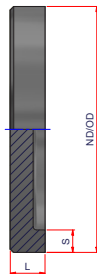


LONG SPIGOT END CAP

PE4710 230PSI SDR11 • IPS

Code	Type	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	OD	S	L1	L	Price Each (\$)
12EICAL02	A	2" IPS	80	2160	0.220	0.0111	2.370	0.220	2.64	3.43	5.67
12EICAL03	A	3" IPS	30	810	0.542	0.0290	3.500	0.318	3.19	4.09	11.19
12EICAL04	A	4" IPS	40	480	1.129	0.0550	4.500	0.409	3.54	4.69	22.37
12EICAL06	A	6" IPS	14	168	2.862	0.1534	6.625	0.602	4.73	6.04	59.06
12EICAL08	B	8" IPS	36	72	7.189	0.5760	8.625	0.784	7.40	13.38	92.44
12EICAL10	B	10" IPS	44	44	12.677	1.0480	10.750	0.977	6.79	15.67	358.40
12EICAL12	C	12" IPS	1	-	-	1.6341	12.750	1.159	9.50	17.37	401.66
12EICAL14	C	14" IPS	1	-	-	2.0836	14.000	1.273	10.50	18.37	561.70
12EICAL16	C	16" IPS	1	-	-	2.9437	16.000	1.455	12.00	19.87	849.03

BUTT FUSION FITTINGS



SHORT SPIGOT END CAP

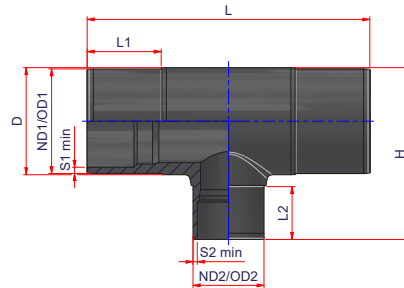
PE4710 230PSI SDR11 • IPS

Code	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	OD	S	L	Price Each (\$)
12EICALC10	10" IPS	5	20	13.640	0.2107	10.750	0.978	3.15	400.00
12EICALC12	12" IPS	1	-	-	0.2963	12.750	1.160	3.15	450.00
12EICALC14	14" IPS	1	-	-	0.3573	14.000	1.273	3.15	600.00
12EICALC16	16" IPS	1	-	-	0.4667	16.000	1.455	3.15	950.00
12EICALC18	18" IPS	1	-	-	0.5906	18.000	1.636	3.15	1,180.00
12EICALC20	20" IPS	1	-	-	0.9120	20.000	1.818	3.94	1,750.00
12EICALC24	24" IPS	1	-	-	1.3133	24.000	2.182	3.94	2,000.00

PE4710 230PSI SDR11 • DIPS

Code	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	OD	S	L	Price Each (\$)
12EICALC04D	4" DIPS	1	-	0.592	0.0263	4.800	0.437	1.97	195.00
12EICALC06D	6" DIPS	1	-	1.390	0.0543	6.900	0.628	1.97	270.00
12EICALC08D	8" DIPS	1	-	2.681	0.0934	9.050	0.823	1.97	370.00
12EICALC10D	10" DIPS	1	-	5.761	0.2246	11.100	1.009	3.15	500.00
12EICALC12D	12" DIPS	1	-	8.755	0.3176	13.200	1.200	3.15	600.00
12EICALC14D	14" DIPS	1	-	12.577	0.4267	15.300	1.391	3.15	690.00
12EICALC16D	16" DIPS	1	-	17.322	0.5519	17.400	1.582	3.15	1,120.00
12EICALC18D	18" DIPS	1	-	22.985	0.6900	19.456	1.773	3.15	1,420.00
12EICALC20D	20" DIPS	1	-	33.257	1.0636	21.598	1.964	3.94	1,570.00
12EICALC24D	24" DIPS	1	-	51.900	1.5116	25.748	2.346	3.94	2,300.00

BUTT FUSION FITTINGS

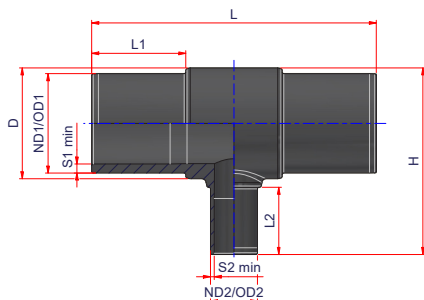


LONG SPIGOT 90° REDUCING TEE INJECTED - BEVELED ENDS

PE4710 160PSI SDR17 • IPS

Code	Nominal Diameter Ø (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	OD1	D	S1	L1	OD2	S2	L2	L	H	Price Each (\$)
12DITRS0301	3" IPS x 1" IPS	20	240	1.535	0.1481	3.500	3.90	0.206	3.31	1.315	0.120	2.36	10.00	6.56	34.61
12DITRS03114	3" IPS x 1"¼ IPS	20	240	1.562	0.1481	3.500	3.90	0.206	3.31	1.660	0.151	2.36	10.00	6.56	34.61
12DITRS0302	3" IPS x 2" IPS	20	240	1.650	0.1569	3.500	3.90	0.206	3.31	2.375	0.140	2.76	10.00	6.95	42.17
12DITRS04114	4" IPS x 1"¼ IPS	12	144	3.108	0.2562	4.500	4.80	0.264	3.43	1.660	0.151	2.17	12.60	7.32	51.90
12DITRS0402	4" IPS x 2" IPS	10	120	3.212	0.2744	4.500	4.80	0.264	3.43	2.375	0.140	2.76	12.60	7.84	61.79
12DITRS0403	4" IPS x 3" IPS	30	60	3.843	0.2947	4.500	4.80	0.264	3.43	3.500	0.206	3.35	12.60	8.42	64.26
12DITRS0602	6" IPS x 2" IPS	50	50	7.716	0.6861	6.625	6.77	0.390	4.72	2.375	0.140	2.76	17.87	9.80	166.97
12DITRS0603	6" IPS x 3" IPS	11	44	7.915	0.7330	6.625	6.77	0.390	4.72	3.500	0.206	3.31	17.87	10.47	166.97
12DITRS0604	6" IPS x 4" IPS	40	80	8.763	0.7610	6.625	6.77	0.390	4.72	4.500	0.264	3.43	17.87	10.87	173.21
12DITRS0803	8" IPS x 3" IPS	21	21	18.660	1.5270	8.625	9.17	0.508	5.51	3.500	0.206	3.35	22.05	13.05	271.89
12DITRS0804	8" IPS x 4" IPS	21	21	19.329	1.5364	8.625	9.17	0.508	5.51	4.500	0.264	3.43	22.05	13.13	307.72
12DITRS0806	8" IPS x 6" IPS	10	20	20.839	1.6885	8.625	9.17	0.508	5.51	6.625	0.390	4.72	22.05	14.43	337.39
12DITRS1003	10" IPS x 3" IPS	1	-	17.913	2.3931	10.750	11.34	0.633	6.10	3.500	0.206	3.35	25.59	14.25	630.00
12DITRS1004	10" IPS x 4" IPS	1	-	19.180	2.4267	10.750	11.34	0.633	6.10	4.500	0.264	3.43	25.59	14.45	630.00
12DITRS1006	10" IPS x 6" IPS	1	-	25.926	2.7944	10.750	11.34	0.633	6.10	6.625	0.390	4.72	25.59	16.64	630.00
12DITRS1008	10" IPS x 8" IPS	1	-	-	2.8801	10.750	11.34	0.633	6.10	8.625	0.508	5.51	25.59	17.15	630.00
12DITRS1203	12" IPS x 3" IPS	1	-	-	3.8215	12.750	12.99	0.750	7.60	3.500	0.206	3.35	30.55	16.94	819.00
12DITRS1204	12" IPS x 4" IPS	1	-	32.353	3.5482	12.750	12.99	0.750	7.60	4.500	0.264	3.43	30.55	15.45	819.00
12DITRS1206	12" IPS x 6" IPS	1	-	22.046	4.0511	12.750	12.99	0.750	7.60	6.625	0.390	4.72	30.55	17.64	819.00
12DITRS1208	12" IPS x 8" IPS	1	-	43.724	4.1682	12.750	12.99	0.750	7.60	8.625	0.508	5.51	30.55	18.15	819.00
12DITRS1210	12" IPS x 10" IPS	1	-	-	4.3405	12.750	12.99	0.750	7.60	10.750	0.633	6.10	30.55	18.90	819.00

BUTT FUSION FITTINGS

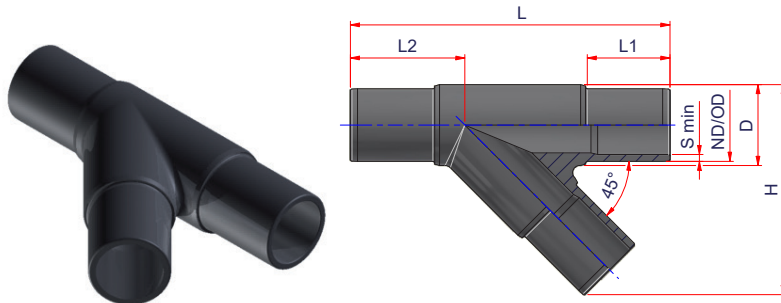


**LONG SPIGOT 90° REDUCING TEE
INJECTED**

PE4710 230PSI SDR11 • IPS

Code	Nominal Diameter ø (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	OD1	D	S1	L1	OD2	S2	L2	L	H	Price Each (\$)
12EITRS02034	2" IPS x ¾" IPS	40	480	0.712	0.0745	2.375	2.68	0.216	2.76	1.050	0.095	1.97	9.45	5.08	17.30
12EITRS0201	2" IPS x 1" IPS	40	480	0.725	0.0745	2.375	2.68	0.216	2.76	1.315	0.119	1.97	9.45	5.08	23.48
12EITRS02114	2" IPS x 1¼" IPS	45	480	0.754	0.0745	2.375	2.68	0.216	2.76	1.660	0.151	2.17	9.45	5.08	23.48
12EITRS0301	3" IPS x 1" IPS	20	240	1.424	0.1481	3.500	3.90	0.318	3.31	1.315	0.119	2.36	10.00	6.56	34.61
12EITRS03114	3" IPS x 1¼" IPS	20	240	1.444	0.1481	3.500	3.90	0.318	3.31	1.660	0.151	2.36	10.00	6.56	34.61
12EITRS0302	3" IPS x 2" IPS	20	240	1.539	0.1569	3.500	3.90	0.318	3.31	2.375	0.216	2.76	10.00	6.95	42.17
12EITRS04114	4" IPS x 1¼" IPS	12	144	2.965	0.2562	4.500	4.80	0.409	3.43	1.660	0.151	2.17	12.60	7.32	51.90
12EITRS0402	4" IPS x 2" IPS	35	120	3.053	0.2744	4.500	4.80	0.409	3.43	2.375	0.216	2.76	12.60	7.84	61.79
12EITRS0403	4" IPS x 3" IPS	9	108	3.274	0.2947	4.500	4.80	0.409	3.43	3.500	0.318	3.35	12.60	8.42	64.26
12EITRS0602	6" IPS x 2" IPS	13	52	8.111	0.6861	6.625	6.77	0.603	4.72	2.375	0.216	2.76	17.87	9.80	166.97
12EITRS0603	6" IPS x 3" IPS	25	50	8.32	0.7330	6.625	6.77	0.603	4.72	3.500	0.318	3.31	17.87	10.47	166.97
12EITRS0604	6" IPS x 4" IPS	12	48	8.699	0.7610	6.625	6.77	0.603	4.72	4.500	0.409	3.43	17.87	10.87	173.21
12EITRS0803	8" IPS x 3" IPS	12	24	18.7	1.5270	8.625	9.17	0.785	5.51	3.500	0.318	3.35	22.05	13.05	271.89
12EITRS0804	8" IPS x 4" IPS	11	22	18.966	1.5364	8.625	9.17	0.785	5.51	4.500	0.409	3.43	22.05	13.13	307.72
12EITRS0806	8" IPS x 6" IPS	9	20	20.095	1.6885	8.625	9.17	0.785	5.51	6.625	0.603	4.72	22.05	14.43	337.39
12EITRS1003	10" IPS x 3" IPS	1	-	32.468	2.4894	10.750	11.26	0.977	5.51	3.500	0.318	3.35	25.59	14.45	630.00
12EITRS1004	10" IPS x 4" IPS	1	-	32.646	2.5025	10.750	11.26	0.977	6.10	4.500	0.409	3.43	25.59	14.45	630.00
12EITRS1006	10" IPS x 6" IPS	1	-	33.665	2.7160	10.750	11.26	0.977	6.10	6.625	0.603	4.72	25.59	16.64	630.00
12EITRS1008	10" IPS x 8" IPS	1	-	35.574	2.8310	10.750	11.26	0.977	6.10	8.625	0.785	5.51	25.59	17.15	630.00
12EITRS1203	12" IPS x 3" IPS	1	-	-	3.5482	12.750	12.99	1.159	7.60	3.500	0.318	3.35	30.55	15.45	819.00
12EITRS1204	12" IPS x 4" IPS	1	-	-	3.5482	12.750	12.99	1.159	7.60	4.500	0.409	3.43	30.55	15.45	819.00
12EITRS1206	12" IPS x 6" IPS	1	-	-	4.0511	12.750	12.99	1.159	7.60	6.625	0.603	4.72	30.55	17.64	819.00
12EITRS1208	12" IPS x 8" IPS	1	-	-	4.1682	12.750	12.99	1.159	7.60	8.625	0.785	5.51	30.55	18.15	819.00
12EITRS1210	12" IPS x 10" IPS	1	-	-	4.3405	12.750	12.99	1.159	7.60	10.750	0.977	6.10	30.55	18.90	819.00

BUTT FUSION FITTINGS

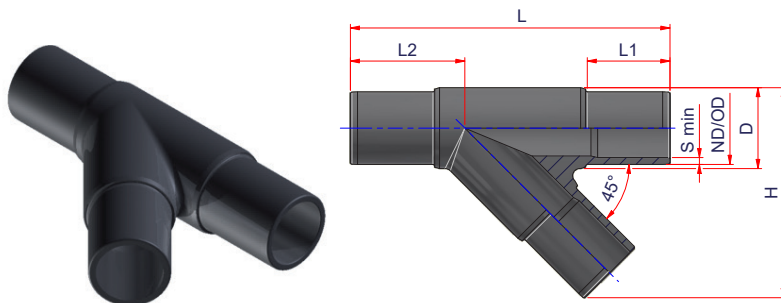


LONG SPIGOT WYE FITTING

Fittings will be fully rated to SDR listed.
Beveled on ends where necessary.

PE4710 160PSI SDR17 • IPS

Code	Nominal Diameter ϕ (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD	D	S	L1	L2	L	H	Price Each (\$)
12DIWYE03	3" IPS	10	40	4.941	0.8488	3.500	3.80	0.206	10.83	6.69	24.57	15.71	132.86
12DIWYE04	4" IPS	12	24	9.374	1.5229	4.500	4.80	0.265	13.72	6.71	28.51	19.23	169.93
12DIWYE06	6" IPS	14	-	23.675	3.3810	6.625	6.77	0.390	17.72	6.93	34.45	25.05	312.06



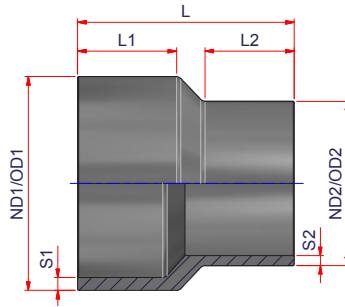
LONG SPIGOT WYE FITTING

Fittings will be fully rated to SDR listed.
Beveled on ends where necessary.

PE4710 230PSI SDR11 • IPS

Code	Nominal Diameter ϕ (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD	D	S	L1	L2	L	H	Price Each (\$)
12EIWYE03	3" IPS	12	48	5.381	0.8488	3.500	3.80	0.319	10.83	6.69	24.57	15.71	132.86
12EIWYE04	4" IPS	16	32	10.135	1.5229	4.500	4.80	0.409	13.72	6.71	28.51	19.23	169.93
12EIWYE06	6" IPS	14	14	24.130	3.3810	6.625	6.77	0.602	17.72	6.93	34.45	25.05	312.06

BUTT FUSION FITTINGS

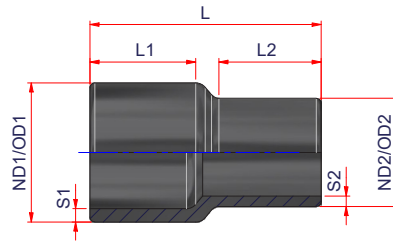


LONG SPIGOT REDUCER

PE4710 160PSI SDR17 • IPS - IPS

Code	Nominal Diameter ϕ (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD1	S1	OD2	S2	L1	L2	L	Price Each (\$)
12DIR0302	3" IPS x 2" IPS	80	960	0.454	0.043	3.5	0.206	2.375	0.14	2.84	2.6	6.06	15.75
12DIR0402	4" IPS x 2" IPS	36	432	0.819	0.0922	4.5	0.265	2.375	0.14	3.96	3.01	7.87	21.33
12DIR0403	4" IPS x 3" IPS	30	360	0.975	0.0922	4.5	0.265	3.5	0.206	4.09	3.05	7.87	22.87
12DIR0603	6" IPS x 3" IPS	45	180	2.75	0.205	6.625	0.39	3.5	0.206	4.02	2.83	8.07	50.67
12DIR0604	6" IPS x 4" IPS	52	208	1.92	0.22	6.625	0.39	4.5	0.265	3.86	3.54	8.66	49.43
12DIR0804	8" IPS x 4" IPS	20	80	4.63	0.4753	8.625	0.507	4.5	0.265	5.43	3.5	11.04	100.73
12DIR0806	8" IPS x 6" IPS	18	72	4.482	0.4761	8.625	0.507	6.625	0.39	5.39	4.59	11.06	88.37
12DIR1004	10" IPS x 4" IPS	1	-	6.39	0.737	10.75	0.632	4.5	0.265	5.49	3.5	11.02	179.32
12DIR1006	10" IPS x 6" IPS	1	-	6.964	0.8159	10.75	0.632	6.625	0.39	5.49	4.65	12.2	179.32
12DIR1008	10" IPS x 8" IPS	1	40	8.14	0.8032	10.75	0.632	8.625	0.5	5.98	5	12.01	127.29
12DIR1206	12" IPS x 6" IPS	1	-	10.509	1.2521	12.75	0.75	6.625	0.39	6.52	4.70	13.31	210.00
12DIR1208	12" IPS x 8" IPS	28	28	11.043	1.27	12.75	0.75	8.625	0.507	6.50	5.43	13.50	210.00
12DIR1210	12" IPS x 10" IPS	40	40	12.302	1.2851	12.75	0.75	10.75	0.632	6.46	5.96	13.66	176.73
12DIR1412	14" IPS x 12" IPS	18	18	15.609	1.5846	14	0.825	12.75	0.75	6.5	6.5	13.97	296.60
12DIR1614	16" IPS x 14" IPS	1	-	20.819	2.1585	16	0.941	14	0.824	7.17	6.5	14.57	376.94
12DIR1816	18" IPS x 16" IPS	1	-	28.649	2.9531	18	1.058	16	0.941	7.68	7.17	15.75	463.45
12DIR2018	20" IPS x 18" IPS	1	-	39.212	4.0093	20	1.176	18	1.058	8.66	7.68	17.32	742.75
12DIR2220	22" IPS x 20" IPS	1	-	52.923	5.2938	22	1.294	20	1.176	9.06	8.66	18.9	809.49
12DIR2422	24" IPS x 22" IPS	1	-	68.992	6.6267	24	1.412	22	1.294	9.45	9.06	19.88	841.62

BUTT FUSION FITTINGS



LONG SPIGOT REDUCER

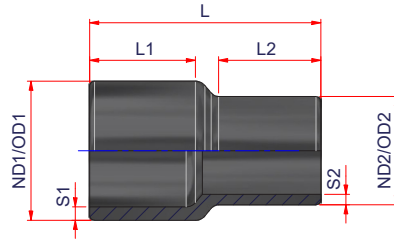
PE4710 230PSI SDR11 •

IPS - IPS

Code	Nominal Diameter ϕ (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD1	S1	OD2	S2	L1	L2	L		Price Each (\$)
12EIR11401	1" $\frac{1}{4}$ IPS x 1" IPS	1	-	0.087	0.0068	1.66	0.151	1.315	0.12	2.17	1.8	4.29		20.40
12EIR112114	1" $\frac{1}{2}$ IPS x 1" $\frac{1}{4}$ IPS	48	2496	0.183	0.0103	1.9	0.173	1.66	0.151	2.36	2.17	4.92		12.36
12EIR02112	2" IPS x 1" $\frac{1}{2}$ IPS	30	1560	0.293	0.0186	2.375	0.216	1.9	0.173	2.76	2.36	5.71		13.60
12EIR0302	3" IPS x 2" IPS	80	960	0.552	0.043	3.5	0.318	2.375	0.216	2.83	2.6	6.06		16.91
12EIR0402	4" IPS x 2" IPS	36	432	1.143	0.0922	4.5	0.409	2.375	0.216	4.21	2.77	7.87	200 PSI	22.48
12EIR0403	4" IPS x 3" IPS	36	96	1.283	0.0929	4.5	0.409	3.5	0.318	4.25	3.05	7.93	200 PSI	23.17
12EIR0603	6" IPS x 3" IPS	30	120	3.190	0.205	6.625	0.603	3.5	0.318	4.02	2.83	8.07	200 PSI	51.66
12EIR0604	6" IPS x 4" IPS	45	180	2.954	0.2149	6.625	0.603	4.5	0.409	4	3.53	8.46	200 PSI	50.56
12EIR0804	8" IPS x 4" IPS	36	72	5.948	0.4753	8.625	0.785	4.5	0.409	5.43	3.5	11.04	200 PSI	101.34
12EIR0806	8" IPS x 6" IPS	40	80	6.903	0.4916	8.625	0.785	6.625	0.603	5.98	4.45	11.42	200 PSI	88.98
12EIR1004	10" IPS x 4" IPS	1	-	8.489	0.737	10.75	0.977	4.5	0.409	5.49	3.5	11.02		184.30
12EIR1006	10" IPS x 6" IPS	56	56	9.753	0.8139	10.75	0.977	6.625	0.603	5.52	4.69	12.17	200 PSI	184.30
12EIR1008	10" IPS x 8" IPS	40	40	11.66	0.8032	10.75	0.977	8.625	0.785	5.98	4.5	12.01	200 PSI	128.73
12EIR1206	12" IPS x 6" IPS	1	-	14.61	1.2521	12.75	1.159	6.625	0.603	6.52	4.70	13.31	200 PSI	218.30
12EIR1208	12" IPS x 8" IPS	28	56	15.772	1.27	12.75	1.159	8.625	0.785	6.50	5.43	13.5	200 PSI	218.30
12EIR1210	12" IPS x 10" IPS	24	48	17.919	1.2851	12.75	1.159	10.75	0.977	6.56	5.96	13.66	200 PSI	189.00
12EIR1410	14" IPS x 10" IPS	17	17	21.529	1.6299	14	1.273	10.75	0.977	6.5	5.98	14.37	200 PSI	475.81
12EIR1412	14" IPS x 12" IPS	17	17	23.08	1.5857	14	1.273	12.75	1.159	6.5	6.5	13.98	200 PSI	318.78
12EIR1610	16" IPS x 10" IPS	1	-	27.846	2.2163	16	1.455	10.75	0.977	7.16	5.98	14.96		852.74
12EIR1612	16" IPS x 12" IPS	15	30	29.04	2.2163	16	1.455	12.75	1.159	7.16	7.17	14.96	200 PSI	673.54
12EIR1614	16" IPS x 14" IPS	1	-	30.644	2.1585	16	1.455	14	1.273	7.16	6.5	14.57	200 PSI	411.18
12EIR1810	18" IPS x 10" IPS	1	-	35.79	3.0263	18	1.636	10.75	0.977	7.68	5.98	16.14		1,143.29
12EIR1812	18" IPS x 12" IPS	1	-	39.025	3.0263	18	1.636	12.75	1.159	7.68	6.5	16.14		1,077.66
12EIR1814	18" IPS x 14" IPS	1	-	39.467	2.9531	18	1.636	14	1.273	7.68	6.5	15.75		829.26
12EIR1816	18" IPS x 16" IPS	1	-	42.277	2.9531	18	1.636	16	1.455	7.68	7.16	15.75	200 PSI	485.10

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BUTT FUSION FITTINGS

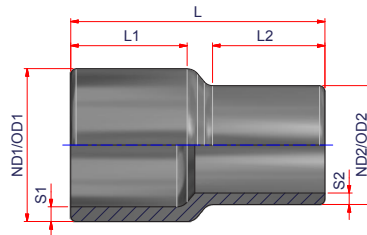


LONG SPIGOT REDUCER

PE4710 230PSI SDR11 • IPS - IPS

Code	Nominal Diameter ø (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD1	S1	OD2	S2	L1	L2	L		Price Each (\$)
12EIR2010	20" IPS x 10" IPS	1	-	45.108	4.0556	20	1.818	10.75	0.977	8.66	5.98	17.52		1,940.28
12EIR2012	20" IPS x 12" IPS	1	-	47.217	4.0556	20	1.818	12.75	1.159	8.66	6.52	17.52		1,742.55
12EIR2014	20" IPS x 14" IPS	1	-	48.707	4.0556	20	1.818	14	1.273	8.66	6.5	17.52		1,444.71
12EIR2016	20" IPS x 16" IPS	1	-	57.784	4.0556	20	1.818	16	1.455	8.66	7.17	17.52	200 PSI	1,175.30
12EIR2018	20" IPS x 18" IPS	1	-	57.792	4.0093	20	1.818	18	1.636	8.66	7.68	17.32	200 PSI	785.40
12EIR2218	22" IPS x 18" IPS	1	-	73.176	5.2938	22	2	18	1.636	9.06	7.68	18.9	200 PSI	1,365.00
12EIR2220	22" IPS x 20" IPS	1	-	76.67	5.2938	22	2	20	1.818	9.05	8.66	18.9	200 PSI	868.56
12EIR2410	24" IPS x 10" IPS	1	-	78.832	6.5633	24	2.182	10.75	0.977	9.45	5.98	19.69		3,398.59
12EIR2412	24" IPS x 12" IPS	1	-	80.974	6.5633	24	2.182	12.75	1.159	9.45	6.52	19.69		3,200.85
12EIR2414	24" IPS x 14" IPS	1	-	82.467	6.5633	24	2.182	14	1.273	9.45	6.5	19.69		2,838.75
12EIR2416	24" IPS x 16" IPS	1	-	85.047	6.5633	24	2.182	16	1.455	9.45	7.17	19.69	200 PSI	2,166.86
12EIR2418	24" IPS x 18" IPS	1	-	87.997	6.5633	24	2.182	18	1.636	9.45	7.68	19.69	200 PSI	2,092.29
12EIR2420	24" IPS x 20" IPS	1	-	90.783	6.5633	24	2.182	20	1.818	9.45	8.86	19.69	200 PSI	1,620.20
12EIR2422	24" IPS x 22" IPS	1	-	96.672	6.6267	24	2.182	22	2	9.45	9.05	19.88	200 PSI	841.62

BUTT FUSION FITTINGS



LONG SPIGOT REDUCER

They can be tapered to too SDR17 if needed.

Delivery time 4 weeks

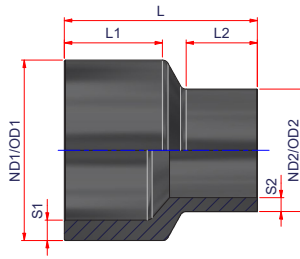
PE4710 230PSI SDR11 • DIPS - DIPS

Code	Nominal Diameter ϕ (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD1	S1	OD2	S2	L	L1	L2	Price Each (\$)
12EIR0604D	6" DIPS x 4" DIPS	1	140	3.248	0.1737	6.900	0.628	4.800	0.437	9.06	4.63	3.54	63.16
12EIR0804D	8" DIPS x 4" DIPS	1	-	6.837	0.2871	9.050	0.823	4.800	0.437	11.42	5.91	3.54	122.47
12EIR0806D	8" DIPS x 6" DIPS	1	140	7.194	0.4127	9.050	0.823	6.900	0.628	11.42	5.91	4.63	106.44
12EIR1006D	10" DIPS x 6" DIPS	1	-	11.043	0.5323	11.100	1.009	6.900	0.628	12.01	5.99	4.63	209.85
12EIR1008D	10" DIPS x 8" DIPS	1	140	11.671	0.6982	11.100	1.009	9.050	0.823	12.01	5.99	5.00	155.87
12EIR1206D	12" DIPS x 6" DIPS	1	-	17.205	0.7158	13.200	1.200	6.900	0.628	13.58	6.50	4.63	245.86
12EIR1208D	12" DIPS x 8" DIPS	26	26	17.506	0.9388	13.200	1.200	9.050	0.823	13.58	6.50	5.00	227.78
12EIR1210D	12" DIPS x 10" DIPS	1	140	18.903	1.1413	13.200	1.200	11.100	1.009	13.46	6.50	5.98	207.82
12EIR1410D	14" DIPS x 10" DIPS	1	140	24.181	1.3740	15.300	1.391	11.100	1.009	13.98	6.50	5.98	570.96
12EIR1412D	14" DIPS x 12" DIPS	1	140	26.654	1.6339	15.300	1.391	13.200	1.200	13.98	6.50	6.5	358.40
12EIR1610D	16" DIPS x 10" DIPS	1	-	35.054	1.6944	17.400	1.582	11.100	1.009	15.16	7.17	5.98	1,007.22
12EIR1612D	16" DIPS x 12" DIPS	1	-	35.671	2.0150	17.400	1.582	13.200	1.200	15.16	7.17	6.50	797.13
12EIR1614D	16" DIPS x 14" DIPS	1	140	36.527	2.2447	17.400	1.582	15.300	1.391	14.57	7.17	6.50	451.09
12EIR1810D	18" DIPS x 10" DIPS	1	-	47.439	2.0468	18.500	1.636	11.100	1.009	16.34	8.07	5.98	1,391.07
12EIR1812D	18" DIPS x 12" DIPS	1	-	48.769	2.4340	18.500	1.636	13.200	1.200	16.34	8.07	6.50	1,247.35
12EIR1814D	18" DIPS x 14" DIPS	1	-	48.462	2.8212	18.500	1.636	15.300	1.391	16.34	8.07	6.50	1,002.28
12EIR1816D	18" DIPS x 16" DIPS	1	140	53.613	3.3086	18.500	1.636	17.400	1.582	16.85	8.07	7.48	526.63
12EIR2010D	20" DIPS x 10" DIPS	1	-	62.800	2.4587	19.500	1.773	11.100	1.009	17.72	8.66	5.98	2,311.04
12EIR2012D	20" DIPS x 12" DIPS	1	-	64.070	2.9238	19.500	1.773	13.200	1.200	17.72	8.66	6.50	2,120.72
12EIR2014D	20" DIPS x 14" DIPS	1	-	66.284	3.3890	19.500	1.773	15.300	1.391	17.72	8.66	6.50	1,471.90
12EIR2016D	20" DIPS x 16" DIPS	1	-	68.065	3.8541	19.500	1.773	17.400	1.582	17.72	8.66	7.48	1,412.42
12EIR2018D	20" DIPS x 18" DIPS	1	140	69.263	4.3193	19.500	1.773	18.500	1.636	17.72	8.66	8.07	891.05
12EIR2410D	24" DIPS x 10" DIPS	1	-	101.638	3.5234	25.800	2.350	11.100	1.009	21.26	8.42	5.98	4,030.11
12EIR2412D	24" DIPS x 12" DIPS	1	-	103.607	4.1900	25.800	2.350	13.200	1.200	21.26	8.42	6.50	3,831.36
12EIR2414D	24" DIPS x 14" DIPS	1	-	106.891	4.8566	25.800	2.350	15.300	1.391	21.26	8.42	6.50	3,376.34
12EIR2416D	24" DIPS x 16" DIPS	1	-	108.992	5.5232	25.800	2.350	17.400	1.582	21.26	8.42	7.48	2,701.57
12EIR2418D	24" DIPS x 18" DIPS	1	-	112.399	6.1898	25.800	2.350	18.500	1.636	21.26	8.42	8.07	3,334.33
12EIR2420D	24" DIPS x 20" DIPS	1	-	116.544	6.8564	25.800	2.350	19.500	1.773	21.26	8.42	8.66	1,973.65

All measures are in inches unless otherwise mentioned.

We reserve the right to vary dimensions without notice; check the web site for the updated dimensions.

BUTT FUSION FITTINGS

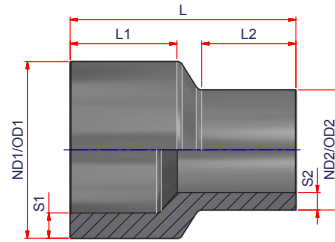


LONG SPIGOT REDUCER

PE4710 300PSI SDR9 • IPS - IPS

Code	Nominal Diameter ϕ (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD1	S1	OD2	S2	L1	L2	L	FM APPROVED	Price Each (\$)
12HIR0302	3" IPS x 2" IPS	80	960	0.688	0.043	3.5	0.389	2.375	0.264	2.83	2.6	6.06		19.65
12HIR0402	4" IPS x 2" IPS	36	432	1.332	0.0922	4.5	0.5	2.375	0.264	3.96	3.01	7.87	250 PSI	28.42
12HIR0403	4" IPS x 3" IPS	25	300	1.487	0.0922	4.5	0.5	3.5	0.389	4.09	3.01	7.87	250 PSI	30.28
12HIR0604	6" IPS x 4" IPS	45	180	3.271	0.2149	6.625	0.736	4.5	0.5	4	3.53	8.46	250 PSI	58.09
12HIR0804	8" IPS x 4" IPS	18	72	6.632	0.4916	8.625	0.958	4.5	0.5	5.47	4.27	11.42	250 PSI	124.95
12HIR0806	8" IPS x 6" IPS	16	64	7.699	0.4899	8.625	0.958	6.625	0.736	5.51	4.72	11.38	250 PSI	110.63
12HIR1006	10" IPS x 6" IPS	22	44	12.452	0.8687	10.75	1.194	6.625	0.736	6.02	4.96	12.99	250 PSI	209.06
12HIR1008	10" IPS x 8" IPS	36	36	14.07	0.8768	10.75	1.194	8.625	0.958	6.1	5.59	13.11	250 PSI	173.25
12HIR1206	12" IPS x 6" IPS	1	-	17.683	1.2738	12.75	1.417	6.625	0.736	6.46	4.88	13.54	250 PSI	244.70
12HIR1208	12" IPS x 8" IPS	28	28	18.786	1.2568	12.75	1.417	8.625	0.958	6.34	5.55	13.36	250 PSI	229.87
12HIR1210	12" IPS x 10" IPS	1	-	21.455	1.2964	12.75	1.417	10.75	1.194	6.5	6.02	13.78	250 PSI	228.64
12HIR1410	14" IPS x 10" IPS	1	-	34.258	2.1256	14	1.556	10.75	1.194	7.68	6.5	18.74	250 PSI	580.65
12HIR1412	14" IPS x 12" IPS	1	-	37.029	2.1256	14	1.556	12.75	1.417	7.68	7.56	18.74	250 PSI	399.00
12HIR1612	16" IPS x 12" IPS	1	-	48.094	2.9807	16	1.778	12.75	1.417	7.87	7.56	20.12	250 PSI	822.15
12HIR1614	16" IPS x 14" IPS	1	-	42.08	2.4504	16	1.778	14	1.556	7.87	7.56	16.54	250 PSI	535.50
12HIR1816	18" IPS x 16" IPS	1	-	56.281	3.2475	18	2	16	1.778	7.87	7.87	17.32	250 PSI	630.00
12HIR2016	20" IPS x 16" IPS	1	-	83.782	5.1227	20	2.222	16	1.778	8.66	7.87	22.13	250 PSI	1,435.35
12HIR2018	20" IPS x 18" IPS	1	-	70.643	4.0093	20	2.222	18	2	8.66	7.68	17.32	250 PSI	997.50
12HIR2218	22" IPS x 18" IPS	1	-	103.127	6.176	22	2.444	18	2	9.06	7.87	22.05	250 PSI	1,667.40
12HIR2220	22" IPS x 20" IPS	1	-	93.439	5.2938	22	2.444	20	2.222	9.06	8.66	18.9	250 PSI	1,249.50
12HIR2420	24" IPS x 20" IPS	1	-	192.625	11.68	24	2.667	20	2.222	10.24	8.66	35.04		1,984.50
12HIR2422	24" IPS x 22" IPS	1	-	206.539	11.81	24	2.667	22	2.444	10.24	9.06	35.43	250 PSI	1,417.50

BUTT FUSION FITTINGS

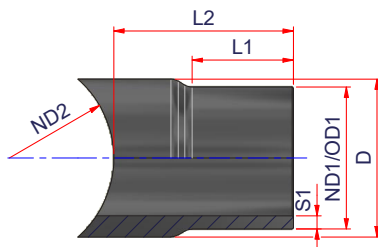


LONG SPIGOT REDUCER

PE4710 340PSI SDR7 • IPS - IPS

Code	Nominal Diameter ϕ (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD1	S1	OD2	S2	L1	L2	L	FM APPROVED	Price Each (\$)
12GIR0302	3" IPS x 2" IPS	80	960	0.783	0.043	3.5	0.5	2.375	0.339	2.83	2.6	6.06		20.88
12GIR0402	4" IPS x 2" IPS	102	408	1.596	0.0922	4.5	0.643	2.375	0.339	3.96	3.01	7.87	335 PSI	31.52
12GIR0403	4" IPS x 3" IPS	68	272	1.905	0.0929	4.5	0.643	3.5	0.5	4.28	3.02	7.93	335 PSI	31.52
12GIR0603	6" IPS x 3" IPS	1	-	4.076	0.257	6.625	0.946	3.5	0.5	3.94	3.03	10.12	335 PSI	84.00
12GIR0604	6" IPS x 4" IPS	45	180	3.911	0.22	6.625	0.946	4.5	0.643	3.86	3.54	8.66	335 PSI	75.52
12GIR0804	8" IPS x 4" IPS	1	-	8.201	0.4916	8.625	1.232	4.5	0.643	5.47	4.27	11.42	335 PSI	157.50
12GIR0806	8" IPS x 6" IPS	9	36	9.489	0.4899	8.625	1.232	6.625	0.946	5.51	4.72	11.38	335 PSI	126.21
12GIR1006	10" IPS x 6" IPS	22	44	15.291	0.8687	10.75	1.536	6.625	0.946	6.02	4.96	12.99	335 PSI	220.50
12GIR1008	10" IPS x 8" IPS	10	40	17.569	0.8768	10.75	1.536	8.625	1.232	6.1	5.59	13.11	335 PSI	201.64
12GIR1206	12" IPS x 6" IPS	1	-	21.491	1.2738	12.75	1.821	6.625	0.946	6.46	4.88	13.54	335 PSI	340.00
12GIR1208	12" IPS x 8" IPS	24	24	22.888	1.2663	12.75	1.821	8.625	1.232	6.34	5.55	13.46	335 PSI	295.49
12GIR1210	12" IPS x 10" IPS	1	-	31.244	1.4892	12.75	1.821	10.75	1.536	6.5	5.98	15.83	335 PSI	290.43
12GIR1410	14" IPS x 10" IPS	1	-	41.994	2.1301	14	2	10.75	1.536	7.68	6.5	18.78	335 PSI	746.55
12GIR1412	14" IPS x 12" IPS	1	-	39.361	1.8534	14	2	12.75	1.821	7.68	7.56	16.34	335 PSI	514.50
12GIR1612	16" IPS x 12" IPS	1	-	58.101	2.9807	16	2.286	12.75	1.821	7.87	7.56	20.12	335 PSI	1,050.00
12GIR1614	16" IPS x 14" IPS	1	-	50.597	2.4504	16	2.286	14	2	7.87	7.56	16.54	335 PSI	724.50
12GIR1814	18" IPS x 14" IPS	1	-	64.828	3.2475	18	2.571	14	2	7.87	7.56	17.32		1,260.00
12GIR1816	18" IPS x 16" IPS	1	-	67.684	3.2475	18	2.571	16	2.286	7.87	7.87	17.32	335 PSI	934.50
12GIR2016	20" IPS x 16" IPS	1	-	100.793	5.1227	20	2.857	16	2.286	8.66	7.87	22.13	335 PSI	1,858.50
12GIR2018	20" IPS x 18" IPS	1	-	84.952	4.0093	20	2.857	18	2.571	8.66	7.68	17.32	335 PSI	1,312.50
12GIR2218	22" IPS x 18" IPS	1	-	125.741	6.1536	22	3.143	18	2.571	9.06	7.87	21.97		2,143.05
12GIR2220	22" IPS x 20" IPS	1	-	112.599	5.2938	22	3.143	20	2.857	8.66	9.06	18.9		1,627.50
12GIR2420	24" IPS x 20" IPS	1	-	151.077	7.2167	24	3.429	20	2.857	10.24	8.66	21.65		2,572.50
12GIR2422	24" IPS x 22" IPS	1	-	154.621	7.2167	24	3.429	22	3.143	10.24	9.84	21.65	335 PSI	1,879.50

BUTT FUSION FITTINGS



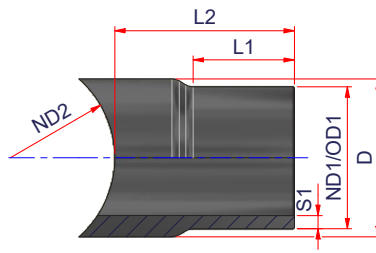
SADDLE LONG SPIGOT

PE4710 230PSI SDR11 • IPS - IPS

Code	Nominal Diameter ø (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	ND1 (Outlet)	OD1	S1	ND2 (Main pipe)	L1	L2	D	Price Each (\$)
12EIGS0203	2" IPS x 3" IPS	-	-	0.351	0.0238	2	2.375	0.216	3	4.13	5.28	2.64	33.99
12EIGS0204	2" IPS x 4" IPS	-	-	0.366	0.0238	2	2.375	0.216	4	4.13	5.47	2.64	33.99
12EIGS0206	2" IPS x 6" IPS	-	-	0.370	0.0237	2	2.375	0.216	6	4.13	5.57	2.64	33.99
12EIGS0208	2" IPS x 8" IPS	-	-	0.368	0.0234	2	2.375	0.216	8	4.13	5.57	2.64	33.99
12EIGS0210	2" IPS x 10" IPS	-	-	0.366	0.0232	2	2.375	0.216	10	4.13	5.57	2.64	33.99
12EIGS0212	2" IPS x 12" IPS	-	-	0.366	0.0230	2	2.375	0.216	12	4.13	5.57	2.64	33.99
12EIGS0214	2" IPS x 14" IPS	-	-	0.366	0.0230	2	2.375	0.216	14	4.13	5.57	2.64	40.78
12EIGS0216	2" IPS x 16" IPS	-	-	0.364	0.0229	2	2.375	0.216	16	4.13	5.57	2.64	40.78
12EIGS0218	2" IPS x 18" IPS	-	-	0.364	0.0229	2	2.375	0.216	18	4.13	5.57	2.64	40.78
12EIGS0220	2" IPS x 20" IPS	-	-	0.364	0.0229	2	2.375	0.216	20	4.13	5.57	2.64	40.78
12EIGS0224	2" IPS x 24" IPS	-	-	0.364	0.0227	2	2.375	0.216	24	4.13	5.57	2.64	40.78
12EIGS0304	3" IPS x 4" IPS	-	-	0.930	0.0632	3	3.500	0.318	4	4.53	6.14	3.88	54.38
12EIGS0306	3" IPS x 6" IPS	-	-	0.902	0.0590	3	3.500	0.318	6	4.53	6.14	3.88	54.38
12EIGS0308	3" IPS x 8" IPS	-	-	0.888	0.0575	3	3.500	0.318	8	4.53	6.14	3.88	54.38
12EIGS0310	3" IPS x 10" IPS	-	-	0.882	0.0567	3	3.500	0.318	10	4.53	6.14	3.88	54.38
12EIGS0312	3" IPS x 12" IPS	-	-	0.877	0.0561	3	3.500	0.318	12	4.53	6.14	3.88	54.38
12EIGS0314	3" IPS x 14" IPS	-	-	0.875	0.0559	3	3.500	0.318	14	4.53	6.14	3.88	64.58
12EIGS0316	3" IPS x 16" IPS	-	-	0.395	0.0556	3	3.500	0.318	16	4.53	6.14	3.88	64.58
12EIGS0318	3" IPS x 18" IPS	-	-	0.395	0.0553	3	3.500	0.318	18	4.53	6.14	3.88	64.58
12EIGS0320	3" IPS x 20" IPS	-	-	0.394	0.0551	3	3.500	0.318	20	4.53	6.14	3.88	64.58
12EIGS0324	3" IPS x 24" IPS	-	-	0.392	0.0549	3	3.500	0.318	24	4.53	6.14	3.88	64.58
12EIGS0406	4" IPS x 6" IPS	-	-	1.501	0.0978	4	4.500	0.409	6	5.32	6.71	4.69	74.77
12EIGS0408	4" IPS x 8" IPS	-	-	1.504	0.0955	4	4.500	0.409	8	5.32	6.81	4.69	74.77
12EIGS0410	4" IPS x 10" IPS	-	-	1.488	0.0936	4	4.500	0.409	10	5.32	6.81	4.69	74.77

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BUTT FUSION FITTINGS

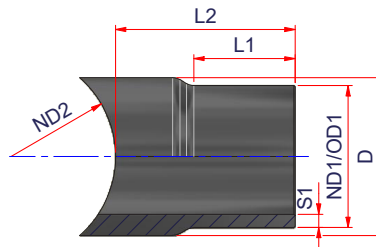


SADDLE LONG SPIGOT

PE4710 230PSI SDR11 • IPS - IPS

Code	Nominal Diameter ø (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	ND1 (Outlet)	OD1	S1	ND2 (Main pipe)	L1	L2	D	Price Each (\$)
12EIGS0412	4" IPS x 12"IPS	-	-	1.479	0.0924	4	4.500	0.409	12	5.32	6.81	4.69	74.77
12EIGS0414	4" IPS x 14"IPS	-	-	1.475	0.0919	4	4.500	0.409	14	5.32	6.81	4.69	88.37
12EIGS0416	4" IPS x 16"IPS	-	-	1.464	0.0906	4	4.500	0.409	16	5.32	6.81	4.69	88.37
12EIGS0418	4" IPS x 18"IPS	-	-	1.462	0.0903	4	4.500	0.409	18	5.32	6.81	4.69	88.37
12EIGS0420	4" IPS x 20"IPS	-	-	1.468	0.0911	4	4.500	0.409	20	5.32	6.81	4.69	88.37
12EIGS0424	4" IPS x 24"IPS	-	-	1.455	0.0896	4	4.500	0.409	24	5.32	6.81	4.69	88.37
12EIGS0608	6" IPS x 8"IPS	-	-	3.371	0.2434	6	6.625	0.603	8	5.71	7.13	6.89	117.41
12EIGS0610	6" IPS x 10"IPS	-	-	3.450	0.2387	6	6.625	0.603	10	5.71	7.44	6.89	117.41
12EIGS0612	6" IPS x 12"IPS	-	-	3.406	0.2321	6	6.625	0.603	12	5.71	7.44	6.89	117.41
12EIGS0614	6" IPS x 14"IPS	-	-	3.389	0.2294	6	6.625	0.603	14	5.71	7.44	6.89	142.13
12EIGS0616	6" IPS x 16"IPS	-	-	3.362	0.2258	6	6.625	0.603	16	5.71	7.44	6.89	142.13
12EIGS0618	6" IPS x 18"IPS	-	-	3.342	0.2233	6	6.625	0.603	18	5.71	7.44	6.89	142.13
12EIGS0620	6" IPS x 20"IPS	-	-	3.329	0.2214	6	6.625	0.603	20	5.71	7.44	6.89	142.13
12EIGS0624	6" IPS x 24"IPS	-	-	3.197	0.2184	6	6.625	0.603	24	5.71	7.44	6.89	142.13
12EIGS0810	8" IPS x 10"IPS	-	-	5.551	0.4864	8	8.625	0.785	10	5.91	7.83	9.06	210.09
12EIGS0812	8" IPS x 12"IPS	-	-	5.575	0.4712	8	8.625	0.785	12	5.91	8.03	9.06	210.09
12EIGS0814	8" IPS x 14"IPS	-	-	5.512	0.4608	8	8.625	0.785	14	5.91	8.03	9.06	243.46
12EIGS0816	8" IPS x 16"IPS	-	-	5.423	0.4484	8	8.625	0.785	16	5.91	8.03	9.06	243.46
12EIGS0818	8" IPS x 18"IPS	-	-	5.359	0.4399	8	8.625	0.785	18	5.91	8.03	9.06	243.46
12EIGS0820	8" IPS x 20"IPS	-	-	5.311	0.4332	8	8.625	0.785	20	5.91	8.03	9.06	243.46
12EIGS0824	8" IPS x 24"IPS	-	-	5.236	0.4237	8	8.625	0.785	24	5.91	8.03	9.06	243.46
12EIGS1012	10" IPS x 12"IPS	-	-	-	-	10	10.750	0.977	12	6.30	8.98	11.42	423.29
12EIGS1014	10" IPS x 14"IPS	-	-	12.350	0.9019	10	10.750	0.977	14	6.30	8.98	11.42	423.29

BUTT FUSION FITTINGS

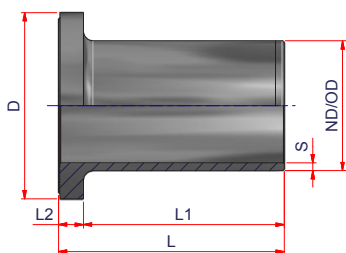


SADDLE LONG SPIGOT

PE4710 230PSI SDR11 • IPS - IPS

Code	Nominal Diameter ø (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	ND1 (Outlet)	OD1	S1	ND2 (Main pipe)	L1	L2	D	Price Each (\$)
12EIGS1016	10" IPS x 16"IPS	-	-	12.095	0.8589	10	10.750	0.977	16	6.30	8.98	11.42	423.29
12EIGS1018	10" IPS x 18"IPS	-	-	11.918	0.8325	10	10.750	0.977	18	6.30	8.98	11.42	423.29
12EIGS1020	10" IPS x 20"IPS	-	-	11.782	0.8128	10	10.750	0.977	20	6.30	8.98	11.42	423.29
12EIGS1024	10" IPS x 24"IPS	-	-	11.590	0.7872	10	10.750	0.977	24	6.30	8.98	11.42	423.29
12EIGS1214	12" IPS x 14"IPS	-	-	18.457	1.4920	12	12.750	1.159	14	6.69	9.35	13.39	471.04
12EIGS1216	12" IPS x 16"IPS	-	-	17.855	1.3478	12	12.750	1.159	16	6.69	9.35	13.39	471.04
12EIGS1218	12" IPS x 18"IPS	-	-	17.484	1.2814	12	12.750	1.159	18	6.69	9.35	13.39	471.04
12EIGS1220	12" IPS x 20"IPS	-	-	17.211	1.2378	12	12.750	1.159	20	6.69	9.35	13.39	471.04
12EIGS1224	12" IPS x 24"IPS	-	-	16.839	1.1828	12	12.750	1.159	24	6.69	9.35	13.39	471.04

BUTT FUSION FITTINGS

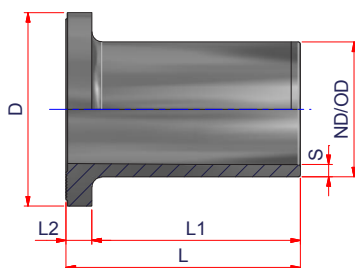


LONG SPIGOT STUB END

PE4710 160PSI SDR17 • IPS

Code	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	OD	S	D	L1	L2	L	Price Each (\$)
12DICRT02	2" IPS	70	840	0.397	0.0537	2.375	0.140	3.94	5.55	0.39	5.98	14.22
12DICRT03	3" IPS	105	420	0.816	0.0877	3.500	0.206	5.00	5.39	0.63	6.06	20.40
12DICRT04	4" IPS	72	288	3.527	0.1252	4.500	0.265	6.02	5.18	0.75	5.96	24.11
12DICRT06	6" IPS	24	96	2.917	0.3340	6.606	0.390	8.58	6.97	0.83	7.83	42.02
12DICRT08	8" IPS	50	50	6.063	0.6101	8.625	0.507	10.63	8.03	1.30	9.33	63.03
12DICRT10	10" IPS	-	-	8.053	0.8035	10.750	0.633	12.52	7.64	1.18	8.86	92.69
12DICRT12	12" IPS	-	-	15.432	1.5717	12.750	0.750	15.04	10.35	1.61	12.01	145.22
12DICRT14	14" IPS	-	-	18.609	2.0101	14.000	0.824	17.01	10.28	1.67	12.01	278.07
12DICRT16	16" IPS	-	-	25.520	2.5756	16.000	0.941	19.25	10.06	1.89	12.01	358.40
12DICRT18	18" IPS	-	-	27.717	2.9125	18.000	1.059	20.47	9.92	2.03	12.01	414.02
12DICRT20	20" IPS	-	-	37.500	3.7494	20.000	1.176	23.23	9.65	2.30	12.01	495.88
12DICRT22	22" IPS	-	-	45.62	4.4118	22.000	1.299	25.20	9.43	2.52	12.01	536.36
12DICRT24	24" IPS	-	-	56.218	5.1653	24.000	1.412	27.26	8.70	2.76	12.01	804.54
12DICRT26	26" IPS	-	-	68.343	6.4758	26.000	1.530	29.53	10.24	2.54	12.83	920.71
12DICRT28	28" IPS	-	-	76.512	7.3655	28.000	1.647	31.30	10.28	2.66	12.99	1,004.75
12DICRT30	30" IPS	-	-	91.402	8.7774	30.000	1.765	33.94	10.31	2.85	13.17	1,065.93

BUTT FUSION FITTINGS



LONG SPIGOT STUB END

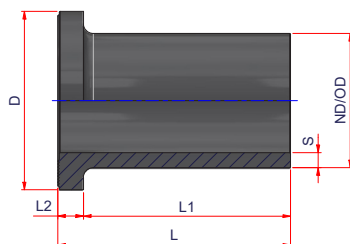
PE4710 230PSI SDR11 • IPS

Code	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	OD	S	D	L1	L2	L	FM APPROVED	Price Each (\$)
12EICRT02	2" IPS	75	900	0.425	0.0530	2.375	0.216	3.94	5.47	0.39	5.91	200 PSI	15.46
12EICRT03	3" IPS	70	280	0.911	0.0877	3.500	0.318	5.00	5.39	0.63	6.06	200 PSI	21.63
12EICRT04	4" IPS	72	576	1.411	0.1236	4.500	0.409	6.02	5.10	0.75	5.89	200 PSI	27.81
12EICRT06	6" IPS	24	96	3.721	0.3206	6.625	0.603	8.58	6.65	0.83	7.52	200 PSI	43.39
12EICRT08	8" IPS	26	52	8.047	0.6179	8.625	0.785	10.63	8.11	1.34	9.45	200 PSI	60.55
12EICRT10	10" IPS	-	-	11.061	0.8017	10.750	0.977	12.52	7.42	1.38	8.84	200 PSI	96.00
12EICRT12	12" IPS	18	36	20.377	0.8017	12.750	1.159	12.52	7.42	1.57	8.84	200 PSI	145.22
12EICRT14	14" IPS	-	-	25.749	1.9916	14.000	1.273	16.93	10.28	1.67	12.01	200 PSI	311.85
12EICRT16	16" IPS	-	-	34.538	2.5756	16.000	1.455	19.25	10.06	1.89	12.01	200 PSI	380.00
12EICRT18	18" IPS	-	-	41.800	2.9125	18.000	1.636	20.47	9.92	2.03	12.01	200 PSI	430.00
12EICRT20	20" IPS	-	-	51.447	3.7494	20.000	1.818	23.23	9.65	2.30	12.01	200 PSI	558.76
12EICRT22	22" IPS	-	-	62.960	4.4118	22.000	2.000	25.2	9.43	2.52	12.01	200 PSI	579.74
12EICRT24	24" IPS	-	-	76.002	5.1653	24.000	2.182	27.26	9.19	2.76	12.01	200 PSI	804.54
12EICRT26	26" IPS	-	-	97.207	6.7142	26.000	2.364	29.53	10.24	3.00	13.31	200 PSI	920.71
12EICRT28	28" IPS	-	-	113.992	7.7115	28.000	2.545	31.30	10.28	3.27	13.60	200 PSI	1,024.52

PE4710 230PSI SDR11 • DIPS

Code	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	OD	S	D	L1	L2	L	FM APPROVED	Price Each (\$)
12EICRT04D	4" DIPS	60	240	1.814	0.1722	4.800	0.437	6.63	6.06	0.67	6.77	200 PSI	42.15
12EICRT06D	6" DIPS	24	96	4.076	0.3436	6.900	0.628	8.62	7.13	0.83	7.99	200 PSI	60.55
12EICRT08D	8" DIPS	52	52	7.665	0.6032	9.050	0.823	10.75	7.89	1.08	9.02	200 PSI	81.32
12EICRT10D	10" DIPS	-	-	11.046	0.8499	11.100	1.009	12.76	7.68	1.30	9.02	200 PSI	156.95
12EICRT12D	12" DIPS	-	-	19.522	1.4349	13.200	1.200	15.00	9.45	1.54	11.02	200 PSI	191.56
12EICRT14D	14" DIPS	-	-	26.491	1.9131	15.300	1.391	17.32	9.19	1.77	11.02	200 PSI	337.39
12EICRT16D	16" DIPS	-	-	38.199	2.7801	17.400	1.582	20.00	9.94	2.01	12.01	200 PSI	411.54
12EICRT18D	18" DIPS	-	-	42.737	2.9151	18.500	1.636	21.38	8.66	2.30	11.02	200 PSI	556.13
12EICRT20D	20" DIPS	-	-	56.926	3.7318	19.500	1.773	23.23	9.41	2.54	11.95	200 PSI	693.32
12EICRT24D	24" DIPS	-	-	78.518	5.1572	25.800	2.350	27.24	9.04	3.03	12.01	200 PSI	951.60

BUTT FUSION FITTINGS



LONG SPIGOT STUB END

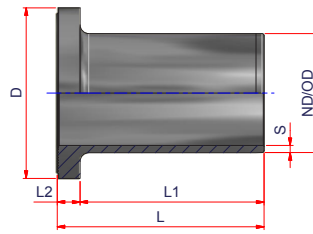
PE4710 300PSI SDR9 • IPS

Code	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	OD	S	D	L1	L2	L	FM APPROVED	Price Each (\$)
12HICRT02	2" IPS	126	504	0.529	0.0544	2.375	0.264	3.94	5.55	0.47	6.06		20.40
12HICRT03	3" IPS	30	360	0.974	0.0758	3.5	0.389	4.65	5.39	0.63	6.06		23.48
12HICRT04	4" IPS	60	240	1.784	0.1338	4.5	0.5	6.02	5.63	0.71	6.38	250 PSI	30.77
12HICRT06	6" IPS	24	288	4.863	0.3404	6.625	0.736	8.58	6.91	1.04	7.99	250 PSI	55.62
12HICRT08	8" IPS	24	48	9.157	0.6101	8.625	0.958	10.63	8.03	1.26	9.33	250 PSI	91.46
12HICRT10	10" IPS	-	-	13.221	0.8219	10.75	1.194	12.52	7.48	1.54	9.06	250 PSI	131.00
12HICRT12	12" IPS	-	-	25.252	1.5716	12.75	1.417	15	9.63	2.38	12.07	250 PSI	191.56
12HICRT14	14" IPS	-	-	30.607	1.9921	14	1.556	16.93	9.94	2.01	12.01	250 PSI	310.59
12HICRT16	16" IPS	-	-	41.132	2.5755	16	1.778	19.25	9.67	2.28	12.01	250 PSI	406.59
12HICRT18	18" IPS	-	-	48.954	2.9123	18	2	20.47	9.43	2.52	12.01	250 PSI	506.70
12HICRT20	20" IPS	-	-	62.135	3.7506	20	2.222	23.23	9.04	2.91	12.01	250 PSI	605.57
12HICRT24	24" IPS	-	-	89.977	5.2465	24	2.67	27.26	8.76	3.39	12.2	250 PSI	966.43

PE4710 300PSI SDR9 • DIPS

Code	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	OD	S	D	L1	L2	L	FM APPROVED	Price Each (\$)
12HICRT04D	4" DIPS	120	240	1.903	0.1567	4.800	0.534	6.63	5.41	0.71	6.16	250 PSI	47.59
12HICRT06D	6" DIPS	20	80	4.895	0.3436	6.900	0.767	8.62	6.93	1.02	7.99	250 PSI	72.91
12HICRT08D	8" DIPS	52	104	9.156	0.6032	9.050	1.006	10.75	7.68	1.28	9.02	250 PSI	95.05
12HICRT10D	10" DIPS	-	-	13.801	0.8486	11.100	1.234	12.75	7.34	1.63	9.02	250 PSI	196.50
12HICRT12D	12" DIPS	-	-	23.358	1.4349	13.200	1.467	15.00	9.09	1.89	11.02	250 PSI	223.69
12HICRT14D	14" DIPS	-	-	31.740	1.9131	15.300	1.700	17.32	8.80	2.17	11.02	250 PSI	370.02
12HICRT16D	16" DIPS	-	-	45.971	2.7801	17.400	1.934	20.00	9.43	2.52	12.01	250 PSI	484.61
12HICRT18D	18" DIPS	-	-	51.995	2.9516	19.500	2.167	21.34	8.39	2.87	11.20	250 PSI	532.65
12HICRT20D	20" DIPS	-	-	63.608	3.8024	21.600	2.400	23.39	8.88	3.07	12.01	250 PSI	693.32
12HICRT24D	24" DIPS	-	-	98.625	5.4539	25.800	2.867	27.48	8.75	3.66	12.48	250 PSI	1,143.17

BUTT FUSION FITTINGS

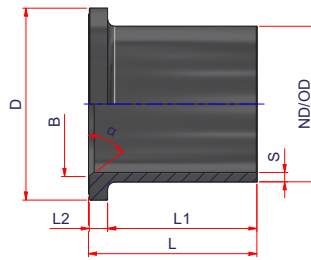


LONG SPIGOT STUB END

PE4710 340PSI SDR7 • IPS

Code	Nominal Diameter ø (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	OD	S	D	L1	L2	L	FM APPROVED	Price Each (\$)
12GICRT02	2" IPS	70	840	0.626	0.0552	2.375	0.339	3.94	5.51	0.59	6.14	290 PSI	21.01
12GICRT03	3" IPS	42	504	1.173	0.0758	3.5	0.5	4.65	5.35	0.67	6.06	290 PSI	25.34
12GICRT04	4" IPS	60	240	2.202	0.1338	4.5	0.643	6.02	5.43	0.91	6.38	335 PSI	38.93
12GICRT06	6" IPS	24	96	5.71	0.3353	6.625	0.949	8.58	6.57	1.26	7.87	335 PSI	72.91
12GICRT08	8" IPS	12	48	11.047	0.6101	8.625	1.232	10.63	7.64	1.65	9.33	335 PSI	117.65
12GICRT10	10" IPS	-	-	16.645	0.8219	10.75	1.536	12.52	7.01	2.01	9.06	335 PSI	155.90
12GICRT12	12" IPS	-	-	30.64	1.5716	12.75	1.821	15	9.63	2.44	12.07	335 PSI	216.41
12GICRT14	14" IPS	-	-	37.752	1.9921	14	2.000	16.93	9.41	2.56	12.01	335 PSI	308.36
12GICRT16	16" IPS	-	-	50.12	2.5755	16	2.286	19.25	9.04	2.91	12.01	335 PSI	491.00
12GICRT18	18" IPS	-	-	58.901	2.7579	18	2.571	19.92	8.66	3.29	12.01	335 PSI	532.65
12GICRT20	20" IPS	-	-	81.516	3.8879	20	2.857	22.91	9.07	3.66	12.8	335 PSI	693.32
12GICRT24	24" IPS	-	-	129.921	6.145	24	3.429	27.56	9.59	4.31	13.98	335 PSI	1,143.17

BUTT FUSION FITTINGS

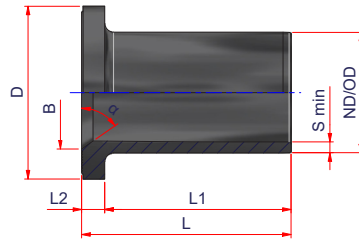


**LONG SPIGOT
60° BEVELED STUB END**

PE4710 160PSI SDR17 • IPS

Code	Nominal Diameter ϕ (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD	S	D	L1	L2	L	B	α	Price Each (\$)
12DICRTB02	2" IPS	-	-	0.278	0.0462	2.375	0.140	3.63	5.63	0.39	6.06	2.26	55°	19.28
12DICRTB03	3" IPS	105	420	0.681	0.0710	3.500	0.206	4.50	5.39	0.63	6.06	3.31	55°	26.69
12DICRTB04	4" IPS	48	280	1.065	0.1184	4.500	0.265	5.81	5.28	0.75	6.06	4.33	65°	31.89
12DICRTB06	6" IPS	24	280	2.881	0.3336	6.625	0.390	8.58	6.97	0.83	7.83	6.42	55°	58.58
12DICRTB08	8" IPS	50	50	6.083	0.6101	8.625	0.507	10.63	8.04	1.30	9.33	8.43	55°	88.55
12DICRTB10	10" IPS	-	280	7.748	0.8019	10.750	0.632	12.52	7.42	1.38	8.84	9.76	55°	126.25
12DICRTB12	12" IPS	-	280	14.725	1.5722	12.750	0.750	15.04	10.35	1.61	12.01	11.97	55°	203.32
12DICRTB14	14" IPS	-	280	18.512	1.9500	14.000	0.824	16.75	10.28	1.67	12.01	13.31	65°	336.46
12DICRTB16	16" IPS	-	280	25.396	2.5755	16.000	0.941	19.25	10.06	1.89	12.01	15	65°	433.66
12DICRTB18	18" IPS	-	280	28.565	2.7468	18.000	1.059	19.88	9.92	2.03	12.01	17	65°	511.15
12DICRTB20	20" IPS	-	280	37.172	3.6480	20.000	1.176	22.91	9.65	2.30	12.01	18.82	65°	615.35
12DICRTB22	22" IPS	-	-	42.668	4.4100	22.000	1.294	25.20	9.43	2.52	12.00	22.13	65°	649.81
12DICRTB24	24" IPS	-	-	54.285	5.1648	24.000	1.412	27.26	9.15	2.76	12.01	-	-	966.42
12DICRTB26	26" IPS	-	-	65.565	6.4614	26.000	1.529	29.50	9.74	2.50	12.83	-	-	1,138.38
12DICRTB28	28" IPS	-	-	75.520	7.3553	28.000	1.647	31.28	10.28	2.66	12.99	-	-	1,485.87
12DICRTB30	30" IPS	-	-	89.376	8.6682	30.000	1.765	33.75	10.31	2.76	13.15	-	-	1,572.87

BUTT FUSION FITTINGS

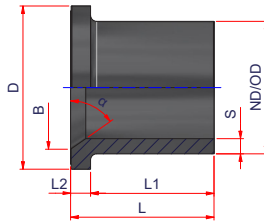


**LONG SPIGOT
60° BEVELED STUB END**

PE4710 230PSI SDR11 • IPS

Code	Nominal Diameter ϕ (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD	S	D	L1	L2	L	B	α	Price Each (\$)
12EICRTB02	2" IPS	30	810	0.421	0.0531	2.375	0.216	0.39	3.94	5.47	5.91	2.26	55°	19.28
12EICRTB03	3" IPS	105	420	0.899	0.0877	3.500	0.318	0.63	5.00	5.39	6.06	3.27	55°	26.69
12EICRTB04	4" IPS	90	360	1.398	0.1235	4.500	0.409	0.75	6.02	5.10	5.89	4.25	65°	31.89
12EICRTB06	6" IPS	48	96	3.620	0.3204	6.625	0.603	0.98	8.58	6.65	7.52	6.34	55°	51.17
12EICRTB08	8" IPS	24	48	7.273	0.6180	8.625	0.785	1.02	10.63	8.11	9.45	8.46	55°	72.67
12EICRTB10	10" IPS	18	36	10.818	0.8019	10.750	0.977	1.38	12.52	7.42	8.84	9.69	55°	115.68
12EICRTB12	12" IPS	18	36	20.091	1.5722	12.750	1.159	1.61	15.04	10.35	12.01	11.97	65°	173.51
12EICRTB14	14" IPS	-	-	25.214	2.0395	14.000	1.273	1.67	17.13	10.28	12.01	12.87	65°	316.74
12EICRTB16	16" IPS	-	-	33.737	2.5755	16.000	1.455	1.89	19.25	10.06	12.01	14.76	65°	433.66
12EICRTB18	18" IPS	-	-	41.096	3.1414	18.000	1.636	2.03	21.26	9.92	12.01	16.54	65°	511.15
12EICRTB20	20" IPS	-	-	49.145	3.6480	20.000	1.818	2.30	22.91	9.65	12.01	18.11	65°	595.10
12EICRTB22	22" IPS	-	-	55.967	4.4137	22.000	2.000	2.52	25.20	9.43	12.01	22.13	65°	649.81
12EICRTB24	24" IPS	-	-	72.456	5.1648	24.000	2.182	2.76	27.26	9.19	12.01	21.46	65°	823.82
12EICRTB26	26" IPS	-	-	93.814	6.4614	26.000	2.364	3.00	29.50	9.74	12.83	-	-	1,113.38

BUTT FUSION FITTINGS

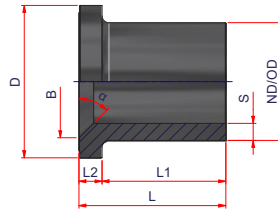


**LONG SPIGOT
60° BEVELED STUB END**

PE4710 300PSI SDR9 • IPS

Code	Nominal Diameter ϕ (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD	S	D	L1	L2	L	B	α	Price Each (\$)
12HICRTB02	2" IPS	126	504	0.522	0.0462	2.375	0.264	3.63	5.63	0.39	6.06	2.2	55°	26.69
12HICRTB03	3" IPS	126	504	0.968	0.071	3.5	0.389	4.5	5.39	0.63	6.06	3.04	55°	31.89
12HICRTB04	4" IPS	60	240	1.687	0.1246	4.5	0.5	5.81	5.63	0.71	6.38	4.25	55°	35.60
12HICRTB06	6" IPS	24	96	4.676	0.3421	6.625	0.736	8.58	6.91	1.08	8.03	6.10	65°	72.67
12HICRTB08	8" IPS	24	48	8.622	0.6101	8.625	0.958	10.63	8.03	1.26	9.33	8.03	55°	120.88
12HICRTB10	10" IPS	-	-	13.159	0.8219	10.75	1.194	12.52	7.2	1.81	9.06	9.45	55°	172.02
12HICRTB12	12" IPS	-	-	24.756	1.5716	12.75	1.417	15	9.63	2.38	12.07	11.02	55°	253.60
12HICRTB14	14" IPS	-	-	28.353	1.95	14	1.556	16.75	9.94	2.01	12.01	13.31	55°	353.45
12HICRTB16	16" IPS	-	-	39.52	2.5675	16	1.778	19.22	9.67	2.28	12.01	14.17	55°	490.76
12HICRTB18	18" IPS	-	-	43.561	2.7468	18	2	19.88	9.43	2.52	12.01	17	55°	530.18
12HICRTB20	20" IPS	-	-	59.822	3.6384	20	2.222	22.88	9.04	2.91	12.01	17.95	55°	629.00
12HICRTB24	24" IPS	-	-	85.17	5.161	24	2.67	27.25	8.76	3.39	12.01	21.46	65°	1,083.05

BUTT FUSION FITTINGS



**LONG SPIGOT
60° BEVELED STUB END**

PE4710 340PSI SDR7 • IPS

Code	Nominal Diameter ϕ (ND)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD	S	D	L1	L2	L	B	α	Price Each (\$)
12GICRTB02	2" IPS	-	810	0.644	0.0462	2.375	0.339	3.63	5.51	0.51	6.06	2.2	55°	28.18
12GICRTB03	3" IPS	-	810	1.157	0.071	3.5	0.5	4.5	5.35	0.67	6.06	3.04	55°	34.10
12GICRTB04	4" IPS	60	240	2.068	0.1246	4.5	0.643	5.81	5.43	0.91	6.38	4.25	55°	40.05
12GICRTB06	6" IPS	24	96	5.851	0.3523	6.625	0.949	8.58	6.97	1.26	8.27	5.75	55°	77.12
12GICRTB08	8" IPS	12	48	10.064	0.6101	8.625	1.232	10.63	7.64	1.65	9.33	7.56	67.5°	125.32
12GICRTB10	10" IPS	-	810	15.974	0.8219	10.75	1.536	12.52	7.01	2.01	9.06	9.06	55°	180.94
12GICRTB12	12" IPS	-	810	29.926	1.5716	12.75	1.821	15	9.63	2.38	12.07	10.39	55°	253.60
12GICRTB14	14" IPS	-	-	34.438	1.95	14	2	16.75	9.41	2.56	12.01	13.31	55°	422.66
12GICRTB16	16" IPS	-	810	49.138	2.5675	16	2.286	19.22	9.04	2.91	12.01	13.39	55°	531.00
12GICRTB18	18" IPS	-	-	52.505	2.7468	18	2.571	19.88	8.66	3.29	12.01	17	55°	578.38
12GICRTB20	20" IPS	-	-	72.962	3.8777	20	2.857	22.88	9.07	3.66	12.8	17.95	55°	730.00
12GICRTB24	24" IPS	-	-	114.214	6.0075	24	3.429	27.25	9.61	4.31	13.98	21.46	65°	1,248.60

BUTT FUSION FITTINGS

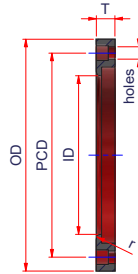


EPOXY COATED CONVOLUTED DUCTILE IRON RING ANSI/ASA 150

IPS

Code	SDR	ANSI 150# Hole Pattern	ND (IPS PE)	OD	ID	PCD	T"	T	r	holes	n° holes		Price Each (\$)
00FLAVN027	7	2"	2"	6.00	2.46	4.75	0.5	0.75	0.26	0.75	4	335 PSI	POA
00FLAVN037	7	3"	3"	7.50	3.6	6	0.63	0.94	0.26	0.75	4	335 PSI	POA
00FLAVN047	7	4"	4"	9.00	4.6	7.5	0.63	0.94	0.26	0.75	8	335 PSI	POA
00FLAVN0411	11	4"	4"	9.00	4.75	7.5	0.38	0.58	0.26	0.75	8	200 PSI	POA
00FLAVN057	7	5"	5"	11.00	5.69	8.5	0.63	0.94	0.39	0.875	8		POA
00FLAVN067	7	6"	6"	11.00	6.75	9.5	0.60	1.00	0.39	0.875	8	335 PSI	POA
00FLAVN0611	11	6"	6"	11.00	6.88	9.5	0.38	0.63	0.39	0.875	8	200 PSI	POA
00FLAVN087	7	8"	8"	13.50	8.75	11.75	0.70	1.13	0.39	0.875	8	335 PSI	POA
00FLAVN0811	11	8"	8"	13.50	8.88	11.75	0.50	0.88	0.39	0.875	8	200 PSI	POA
00FLAVN107	7	10"	10"	16.00	10.92	14.25	0.78	1.19	0.39	1	12	335 PSI	POA
00FLAVN1011	11	10"	10"	16.00	11	14.25	0.56	1.00	0.39	1	12	200 PSI	POA
00FLAVN127	7	12"	12"	19.00	12.92	17	0.90	1.4	0.39	1	12	335 PSI	POA
00FLAVN1211	11	12"	12"	19.00	13.13	17	0.65	1.25	0.39	1	12	200 PSI	POA
00FLAVN147	7	14"	14"	21.00	14.18	18.75	1.05	1.63	0.5	1.125	12	335 PSI	POA
00FLAVN1411	11	14"	14"	21.00	14.38	18.75	0.81	1.38	0.5	1.125	12	200 PSI	POA
00FLAVN167	7	16"	16"	23.5	16.19	21.25	1.10	1.8	0.5	1.125	16	335 PSI	POA
00FLAVN1611	11	16"	16"	23.5	16.38	21.25	0.91	1.67	0.5	1.125	16	200 PSI	POA
00FLAVN187	7	18"	18"	25	18.2	22.75	1.10	1.8	0.5	1.25	16	335 PSI	POA
00FLAVN1811	11	18"	18"	25	18.38	22.75	0.75	1.69	0.5	1.25	16	200 PSI	POA
00FLAVN207	7	20"	20"	27.5	20.38	25	1.20	2.13	0.5	1.25	20	335 PSI	POA
00FLAVN209	9	20"	20"	27.5	20.38	25	0.92	2.06	0.5	1.25	20		POA
00FLAVN2011	11	20"	20"	27.5	20.38	25	1.00	1.81	0.5	1.25	20	200 PSI	POA
00FLAVN227	7	22"	22"	29.5	22.38	27.25	1.52	2.3	0.5	1.375	20	335 PSI	POA
00FLAVN2211	11	22"	22"	29.5	22.38	27.5	1.13	2	0.5	1.375	20	200 PSI	POA
00FLAVN249/11	9 - 11	24"	24"	32	24.38	29.5	1.13	2.13	0.5	1.375	20	200 PSI	POA
00FLAVN309/11	9 - 11	30"	30"	38.75	30.38	36	1.30	2.68	0.5	1.375	28		POA

BUTT FUSION FITTINGS

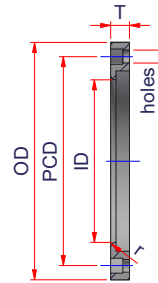


EPOXY COATED CONVOLUTED DUCTILE IRON RING ANSI/ASA 150

DIPS

Code	SDR	ANSI 150# Hole Pattern	ND (IPS PE)	OD	ID	PCD	T	r	holes	n° holes	Price Each (\$)
00FLAVN04D7	7	4"	4"	9	4.90	7.5	0.94	0.26	0.75	8	POA
00FLAVN04D11	11	4"	4"	9	4.90	7.5	0.58	0.26	0.75	8	POA
00FLAVN06D7	7	6"	6"	11	7.00	9.5	1	0.39	0.875	8	POA
00FLAVN06D11	11	6"	6"	11	7.00	9.5	0.63	0.39	0.875	8	POA
00FLAVN08D7	7	8"	8"	13.5	9.13	11.75	1.13	0.39	0.875	8	POA
00FLAVN08D11	11	8"	8"	13.5	9.13	11.75	0.88	0.39	0.875	8	POA
00FLAVN10D7	7	10"	10"	16	11.25	14.25	1.19	0.39	1	12	POA
00FLAVN10D11	11	10"	10"	16	11.25	14.25	1	0.39	1	12	POA
00FLAVN12D7	7	12"	12"	19	13.37	17	1.4	0.39	1	12	POA
00FLAVN12D11	11	12"	12"	19	13.37	17	1.25	0.39	1	12	POA
00FLAVN14D7	7	14"	14"	21	15.48	18.75	1.63	0.5	1.125	12	POA
00FLAVN14D11	11	14"	14"	21	15.48	18.75	1.38	0.5	1.125	12	POA
00FLAVN16D7	7	16"	16"	23.5	17.59	21.25	1.8	0.5	1.125	16	POA
00FLAVN16D11	11	16"	16"	23.5	17.59	21.25	1.67	0.5	1.125	16	POA
00FLAVN18D7	7	18"	18"	25	19.70	22.75	1.8	0.5	1.25	16	POA
00FLAVN18D11	11	18"	18"	25	19.70	22.75	1.69	0.5	1.25	16	POA
00FLAVN20D7	7	20"	20"	27.5	21.85	25	2.13	0.5	1.25	20	POA
00FLAVN20D9	9	20"	20"	27.5	21.85	25	2.06	0.5	1.25	20	POA
00FLAVN20D11	11	20"	20"	27.5	21.85	25	1.81	0.5	1.25	20	POA
00FLAVN24D7	7	24"	24"	32	26.05	29.5	2.5	0.5	1.375	20	POA
00FLAVN24D9	9	24"	24"	32	26.05	29.5	2.13	0.5	1.375	20	POA
00FLAVN24D11	11	24"	24"	32	26.05	29.5	2.13	0.5	1.375	20	POA

BUTT FUSION FITTINGS



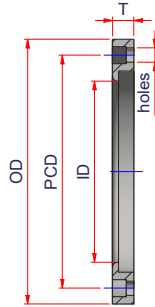
CONVOLUTED STAINLESS STEEL BACKING RING ANSI/ASA 150

IPS

Code	SDR	ANSI 150# Hole Pattern	ND (IPS PE)	OD	ID	PCD	T	r	holes	n° holes		Price Each (\$)
00FLAVN027SS	7	2"	2"	6	2.46	4.75	0.75	0.26	0.75	4	290 PSI	POA
00FLAVN037SS	7	3"	3"	7.5	3.6	6	0.94	0.26	0.75	4	290 PSI	POA
00FLAVN047SS	7	4"	4"	9	4.6	7.5	0.94	0.26	0.75	8	290 PSI	POA
00FLAVN0411SS	11	4"	4"	9	4.75	7.5	0.58	0.26	0.75	8	200 PSI	POA
00FLAVN057SS	7	5"	5"	11	5.69	8.5	0.94	0.39	0.875	8	-	POA
00FLAVN067SS	7	6"	6"	11	6.75	9.5	1	0.39	0.875	8	290 PSI	POA
00FLAVN0611SS	11	6"	6"	11	6.88	9.5	0.63	0.39	0.875	8	200 PSI	POA
00FLAVN087SS	7	8"	8"	13.5	8.75	11.75	1.13	0.39	0.875	8	290 PSI	POA
00FLAVN0811SS	11	8"	8"	13.5	8.88	11.75	0.88	0.39	0.875	8	200 PSI	POA
00FLAVN107SS	7	10"	10"	16	10.92	14.25	1.19	0.39	1	12	290 PSI	POA
00FLAVN1011SS	11	10"	10"	16	11	14.25	1	0.39	1	12	200 PSI	POA
00FLAVN127SS	7	12"	12"	19	12.92	17	1.4	0.39	1	12	290 PSI	POA
00FLAVN1211SS	11	12"	12"	19	13.13	17	1.25	0.39	1	12	200 PSI	POA
00FLAVN147SS	7	14"	14"	21	14.18	18.75	1.63	0.5	1.125	12	290 PSI	POA
00FLAVN1411SS	11	14"	14"	21	14.38	18.75	1.38	0.5	1.125	12	200 PSI	POA
00FLAVN167SS	7	16"	16"	23.5	16.19	21.25	1.8	0.5	1.125	16	290 PSI	POA
00FLAVN1611SS	11	16"	16"	23.5	16.38	21.25	1.67	0.5	1.125	16	200 PSI	POA
00FLAVN187SS	7	18"	18"	25	18.2	22.75	1.8	0.5	1.25	16	290 PSI	POA
00FLAVN1811SS	11	18"	18"	25	18.38	22.75	1.69	0.5	1.25	16	200 PSI	POA
00FLAVN207SS	7	20"	20"	27.5	20.38	25	2.13	0.5	1.25	20	290 PSI	POA
00FLAVN209SS	9	20"	20"	27.5	20.38	25	2.06	0.5	1.25	20	-	POA
00FLAVN2011SS	11	20"	20"	27.5	20.38	25	1.81	0.5	1.25	20	200 PSI	POA
00FLAVN227SS	7	22"	22"	29.5	22.38	27.25	2.3	0.5	1.375	20	-	POA
00FLAVN2211SS	11	22"	22"	29.5	22.38	27.5	2	0.5	1.375	20	200 PSI	POA
00FLAVN247SS	7	24"	24"	32	24.38	29.5	2.5	0.5	1.375	20	-	POA
00FLAVN249SS	9	24"	24"	32	24.38	29.5	2.13	0.5	1.375	20	-	POA
00FLAVN2411SS	11	24"	24"	32	24.38	29.5	2.13	0.5	1.375	20	200 PSI	POA

All measures are in inches unless otherwise mentioned.
We reserve the right to vary dimensions without notice; check the web site for the updated dimensions.

BUTT FUSION FITTINGS

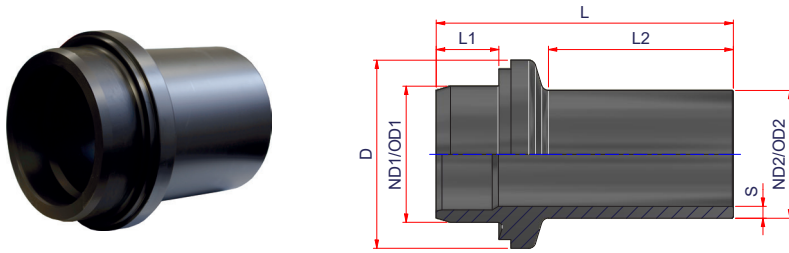


CONVOLUTED STAINLESS STEEL BACKING RING ANSI/ASA 150

DIPS

Code	SDR	ANSI 150# Hole Pattern	ND (IPS PE)	OD	ID	PCD	T	r	holes	n° holes	Price Each (\$)
00FLAVN04D11SS	11	4"	4"	9	4.90	7.5	0.58	0.26	0.75	8	POA
00FLAVN06D11SS	11	6"	6"	11	7.00	9.5	0.63	0.39	0.875	8	POA
00FLAVN08D11SS	11	8"	8"	13.5	9.13	11.75	0.88	0.39	0.875	8	POA
00FLAVN10D11SS	11	10"	10"	16	11.25	14.25	1.00	0.39	1	12	POA
00FLAVN12D11SS	11	12"	12"	19	13.37	17.00	1.25	0.39	1	12	POA
00FLAVN14D11SS	11	14"	14"	21	15.48	18.75	1.38	0.5	1.125	12	POA
00FLAVN16D11SS	11	16"	16"	23.5	17.59	21.25	1.67	0.5	1.125	16	POA
00FLAVN18D11SS	11	18"	18"	25	19.70	22.75	1.69	0.5	1.25	16	POA
00FLAVN20D11SS	11	20"	20"	27.5	21.85	25.00	1.81	0.5	1.25	20	POA
00FLAVN22D11SS	11	22"	22"	29.5	22.375	27.5	2.00	0.5	1.375	20	POA
00FLAVN24D11SS	11	24"	24"	32	26.05	29.5	2.13	0.5	1.375	20	POA

BUTT FUSION FITTINGS



MJ ADAPTER

Supplied **without** stiffener sleeve
N.B: OBTAINED FROM PROCESSING OF SDR 11

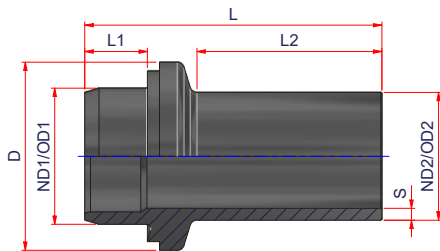
PE4710 160PSI SDR17 • DIPS - IPS

Code	Nominal Diameter ϕ (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD1 (DIPS)	OD2 (IPS)	D	S	L1	L2	L	Price Each (\$)
12DIMJ02	2" DIPS x 2" IPS	50	600	0.682	0.0562	2.510	2.375	3.49	0.140	1.93	5.07	7.97	115.87
12DIMJ03	3" DIPS x 3" IPS	14	168	1.650	0.1708	3.960	3.500	5.72	0.206	2.01	5.51	9.02	122.18
12DIMJ04	4" DIPS x 4" IPS	9	108	2.699	0.2639	4.800	4.500	6.65	0.265	2.22	6.42	10.31	127.97
12DIMJ06	6" DIPS x 6" IPS	6	72	5.281	0.4870	6.900	6.625	8.63	0.390	2.38	7.23	11.30	179.76
12DIMJ08	8" DIPS x 8" IPS	39	39	9.493	0.7839	9.050	8.625	10.75	0.507	2.38	7.66	12.07	237.34
12DIMJ10	10" DIPS x 10" IPS	-	-	17.380	1.3767	11.100	10.750	13.25	0.633	2.25	9.03	13.55	302.09
12DIMJ12	12" DIPS x 12" IPS	-	108	19.876	1.7815	13.200	12.750	15.43	0.750	1.73	8.52	12.93	307.56
12DIMJ14	14" DIPS x 14" IPS	-	-	26.180	1.9171	15.300	14.000	16.98	0.824	1.73	7.28	11.49	877.74
12DIMJ16	16" DIPS x 16" IPS	-	-	35.860	2.8369	17.400	16.000	19.98	0.941	1.73	7.35	12.28	1,011.37
12DIMJ18	18" DIPS x 18" IPS	-	-	35.934	3.5918	19.456	17.925	21.57	1.059	1.73	8.33	13.34	1,209.77
12DIMJ20	20" DIPS x 20" IPS	-	108	44.572	4.4071	21.551	19.921	23.62	1.176	1.73	8.33	13.65	1,616.43
12DIMJ24	24" DIPS x 24" IPS	-	108	73.063	6.3699	25.748	23.897	27.95	1.412	1.73	8.33	14.09	2,237.17

PE4710 160PSI SDR17 • DIPS - DIPS

Code	Nominal Diameter ϕ (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD1 (DIPS)	OD2 (DIPS)	D	S	L1	L2	L	Price Each (\$)
12DIMJ03D	3" DIPS x 3" DIPS	-	-	1.265	0.1708	3.960	3.960	5.72	0.233	2.01	5.51	9.02	124.99
12DIMJ04D	4" DIPS x 4" DIPS	20	80	2.878	0.2597	4.800	4.800	6.62	0.283	2.20	6.34	10.24	130.61
12DIMJ06D	6" DIPS x 6" DIPS	6	72	5.865	0.4870	6.900	6.900	8.63	0.406	2.38	7.23	11.30	172.74
12DIMJ08D	8" DIPS x 8" DIPS	20	40	9.041	0.8032	9.050	9.050	10.75	0.533	2.38	7.66	12.01	183.97
12DIMJ10D	10" DIPS x 10" DIPS	-	-	17.820	1.3767	11.100	11.100	13.25	0.653	2.25	9.03	13.55	308.27
12DIMJ12D	12" DIPS x 12" DIPS	-	-	17.028	1.7815	13.200	13.200	15.43	0.777	1.73	8.52	12.93	324.41
12DIMJ14D	14" DIPS x 14" DIPS	-	108	24.136	2.1641	15.300	15.300	16.98	0.900	1.73	7.39	12.97	894.02
12DIMJ16D	16" DIPS x 16" DIPS	-	108	32.560	2.7625	17.400	17.400	19.97	1.024	1.73	7.40	11.97	1,023.96
12DIMJ18D	18" DIPS x 18" DIPS	-	-	36.841	3.5918	19.456	19.417	21.57	1.147	1.73	8.33	13.34	1,233.05
12DIMJ20D	20" DIPS x 20" DIPS	-	-	45.991	4.4071	21.598	21.511	23.62	1.271	1.73	8.33	13.65	1,629.43
12DIMJ24D	24" DIPS x 24" DIPS	-	108	79.718	6.2478	25.748	25.688	27.95	1.518	1.73	8.33	13.82	2,352.33

BUTT FUSION FITTINGS



MJ ADAPTER

Supplied without stiffener sleeve

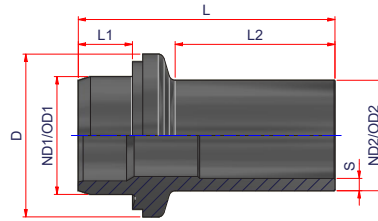
PE4710 230PSI SDR11 • DIPS - IPS

Code	Nominal Diameter ø (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	OD1 (DIPS)	OD2 (IPS)	D	S	L1	L2	L	FM APPROVED	Price Each (\$)
12EIMJ02	2" DIPS x 2" IPS	50	600	0.549	0.0562	2.510	2.375	3.49	0.216	1.93	5.07	7.97		101.97
12EIMJ03	3" DIPS x 3" IPS	14	168	1.606	0.1708	3.960	3.500	5.72	0.318	2.01	5.51	9.02		107.52
12EIMJ04	4" DIPS x 4" IPS	9	108	2.884	0.2641	4.800	4.500	6.65	0.409	2.23	6.42	10.32	250 PSI	112.61
12EIMJ06	6" DIPS x 6" IPS	6	72	5.698	0.4870	6.900	6.625	8.63	0.602	2.38	7.23	11.30	250 PSI	158.19
12EIMJ08	8" DIPS x 8" IPS	39	39	10.275	0.8072	9.050	8.625	10.75	0.784	2.38	7.66	12.07	250 PSI	208.86
12EIMJ10	10" DIPS x 10" IPS	-	-	17.264	1.3767	11.100	10.750	13.25	0.977	2.25	9.03	13.55	250 PSI	265.84
12EIMJ12	12" DIPS x 12" IPS	-	-	23.840	1.7815	13.200	12.750	15.43	1.159	1.73	8.52	12.93	250 PSI	270.65
12EIMJ14	14" DIPS x 14" IPS	-	-	26.418	1.9171	15.300	14.000	16.98	1.273	1.73	7.28	11.49	250 PSI	772.41
12EIMJ16	16" DIPS x 16" IPS	-	-	38.455	2.8369	17.400	16.000	19.98	1.455	1.73	7.35	12.28	250 PSI	890.01
12EIMJ18	18" DIPS x 18" IPS	-	-	48.993	3.5918	19.456	17.925	21.57	1.636	1.73	8.33	13.34	250 PSI	1,064.60
12EIMJ20	20" DIPS x 20" IPS	-	-	60.276	4.4071	21.551	19.921	23.62	1.818	1.73	8.33	13.65	250 PSI	1,422.47
12EIMJ24	24" DIPS x 24" IPS	-	-	92.048	6.3699	25.748	23.897	27.95	2.182	1.73	8.33	14.09	250 PSI	1,968.71

PE4710 230PSI SDR11 • DIPS - DIPS

Code	Nominal Diameter ø (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	OD1 (DIPS)	OD2 (DIPS)	D	S	L1	L2	L	FM APPROVED	Price Each (\$)
12EIMJ03D	3" DIPS x 3" DIPS	-	-	1.754	0.1708	3.960	3.960	5.72	0.360	2.01	5.58	9.02		109.99
12EIMJ04D	4" DIPS x 4" DIPS	40	160	3.164	0.2587	4.800	4.800	6.63	0.437	2.17	6.38	10.20	250 PSI	114.93
12EIMJ06D	6" DIPS x 6" DIPS	6	72	5.856	0.4846	6.900	6.900	8.63	0.628	2.38	7.23	11.27	250 PSI	152.01
12EIMJ08D	8" DIPS x 8" DIPS	39	39	10.485	0.8032	9.050	9.050	10.75	0.823	2.38	7.66	12.01	250 PSI	161.90
12EIMJ10D	10" DIPS x 10" DIPS	-	-	17.781	1.3716	11.100	11.100	13.25	1.009	2.25	9.03	13.5	250 PSI	271.28
12EIMJ12D	12" DIPS x 12" DIPS	-	-	24.077	1.7522	13.200	13.200	15.35	1.200	1.73	8.52	12.85	250 PSI	285.48
12EIMJ14D	14" DIPS x 14" DIPS	-	-	29.059	1.9505	15.300	15.300	16.98	1.391	1.73	7.39	11.69	250 PSI	786.74
12EIMJ16D	16" DIPS x 16" DIPS	-	-	38.985	2.7653	17.400	17.400	19.98	1.582	1.73	7.40	11.97	250 PSI	901.09
12EIMJ18D	18" DIPS x 18" DIPS	-	-	50.841	3.5326	19.456	19.417	21.57	1.773	1.73	8.33	13.12	250 PSI	1,085.08
12EIMJ20D	20" DIPS x 20" DIPS	-	-	63.841	4.3263	21.598	21.511	23.62	1.964	1.73	8.33	13.40	250 PSI	1,433.90
12EIMJ24D	24" DIPS x 24" DIPS	-	-	93.266	6.2478	25.748	25.688	27.95	2.346	1.73	8.33	13.82	250 PSI	2,070.05

BUTT FUSION FITTINGS



MJ ADAPTER

Supplied **without** stiffener sleeve

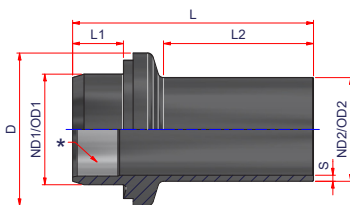
PE4710 300PSI SDR9 • DIPS - IPS

Code	Nominal Diameter ϕ (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD1 (DIPS)	OD2 (IPS)	D	S	L1	L2	L	FM APPROVED	Price Each (\$)
12HIMJ03	3" DIPS x 3" IPS	15	180	1.918	0.1708	3.960	3.500	5.72	0.389	2.01	5.51	9.02		118.03
12HIMJ04	4" DIPS x 4" IPS	9	108	2.699	0.2639	4.800	4.500	6.65	0.500	2.22	6.42	10.31	250 PSI	124.82
12HIMJ06	6" DIPS x 6" IPS	6	72	5.281	0.4870	6.900	6.625	8.63	0.736	2.38	7.23	11.30	250 PSI	171.17
12HIMJ08	8" DIPS x 8" IPS	39	39	8.478	0.8072	9.050	8.625	10.75	0.958	2.38	7.66	12.07	250 PSI	213.12
12HIMJ10	10" DIPS x 10" IPS	-	-	20.282	1.3767	11.100	10.750	13.25	1.194	2.25	9.03	13.55	250 PSI	280.30
12HIMJ12	12" DIPS x 12" IPS	-	-	27.205	1.7815	13.200	12.750	15.43	1.417	1.73	8.52	12.93	250 PSI	353.45
12HIMJ14	14" DIPS x 14" IPS	-	-	31.343	1.9171	15.300	14.000	16.98	1.556	1.73	7.28	11.49	250 PSI	778.59
12HIMJ16	16" DIPS x 16" IPS	-	-	43.585	2.8369	17.400	16.000	19.98	1.778	1.73	7.35	12.28	250 PSI	896.00
12HIMJ18	18" DIPS x 18" IPS	-	-	56.658	3.5918	19.456	17.925	21.57	2.000	1.73	8.33	13.34	250 PSI	1,078.90
12HIMJ20	20" DIPS x 20" IPS	-	-	82.461	4.4071	21.551	19.921	23.62	2.222	1.73	8.33	13.65	250 PSI	1,433.90
12HIMJ24	24" DIPS x 24" IPS	-	-	113.850	6.3699	25.748	23.897	27.95	2.667	1.73	8.33	14.09	250 PSI	1,990.64

PE4710 300PSI SDR9 • DIPS - DIPS

Code	Nominal Diameter ϕ (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD1 (DIPS)	OD2 (DIPS)	D	S	L1	L2	L	FM APPROVED	Price Each (\$)
12HIMJ03D	3" DIPS x 3" DIPS	15	180	2.072	0.1738	3.96	3.96	5.72	0.44	2.01	5.57	9.18		123.93
12HIMJ04D	4" DIPS x 4" DIPS	8	96	3.707	0.2648	4.80	4.8	6.63	0.534	2.21	6.51	10.41	250 PSI	131.06
12HIMJ06D	6" DIPS x 6" DIPS	6	72	6.787	0.4853	6.90	6.9	8.62	0.767	2.23	7.09	10.10	250 PSI	179.73
12HIMJ08D	8" DIPS x 8" DIPS	39	39	12.429	0.8032	9.05	9.05	10.75	1.006	2.38	7.66	12.01	250 PSI	223.79
12HIMJ10D	10" DIPS x 10" DIPS	-	-	20.833	1.3716	11.1	11.1	13.25	1.234	2.25	9.03	13.5	250 PSI	293.27
12HIMJ12D	12" DIPS x 12" DIPS	-	-	29.229	1.8614	13.2	13.2	15.28	1.467	1.61	8.58	12.72	250 PSI	371.12
12HIMJ14D	14" DIPS x 14" DIPS	-	-	32.848	1.9572	15.3	15.3	16.98	1.7	1.73	7.39	11.73	250 PSI	817.52
12HIMJ16D	16" DIPS x 16" DIPS	-	-	45.551	2.7838	17.4	17.4	19.98	1.934	1.73	7.49	12.05	250 PSI	940.79
12HIMJ18D	18" DIPS x 18" DIPS	-	-	59.948	3.5487	19.5	19.5	21.57	2.167	1.73	8.33	13.18	250 PSI	1,132.85
12HIMJ20D	20" DIPS x 20" DIPS	-	-	80.746	4.6811	21.6	21.6	24.02	2.4	1.73	8.33	14.02	250 PSI	1,506.24
12HIMJ24D	24" DIPS x 24" DIPS	-	-	117.316	6.5236	25.8	25.8	27.95	2.867	1.73	8.33	14.43	250 PSI	2,090.18

BUTT FUSION FITTINGS



MJ ADAPTER

Supplied **with** stiffener sleeve
N.B: OBTAINED FROM PROCESSING OF SDR 11

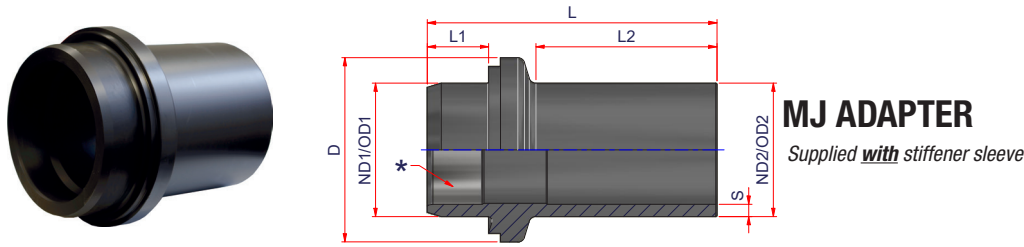
PE4710 160PSI SDR17 • DIPS - IPS

Code	Nominal Diameter $\varnothing$ (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD1 (DIPS)	OD2 (IPS)	D	S	L1	L2	L	Price Each (\$)
12DIMJ02SS	2" DIPS x 2" IPS	50	600	0.682	0.0562	2.510	2.375	3.49	0.140	1.93	5.07	7.97	126.40
12DIMJ03SS	3" DIPS x 3" IPS	-	-	1.152	0.1708	3.960	3.500	5.72	0.206	2.01	5.51	9.02	163.89
12DIMJ04SS	4" DIPS x 4" IPS	-	-	3.187	0.2639	4.800	4.500	6.65	0.264	2.22	6.42	10.31	176.12
12DIMJ06SS	6" DIPS x 6" IPS	-	-	5.987	0.4870	6.900	6.625	8.63	0.390	2.38	7.23	11.30	232.56
12DIMJ08SS	8" DIPS x 8" IPS	-	-	9.409	0.8072	9.050	8.625	10.75	0.508	2.38	7.66	12.07	300.81
12DIMJ10SS	10" DIPS x 10" IPS	-	-	17.380	1.3767	11.100	10.750	13.25	0.633	2.25	9.03	13.55	370.06
12DIMJ12SS	12" DIPS x 12" IPS	-	-	21.238	1.7815	13.200	12.750	15.43	0.750	1.73	8.52	12.93	386.83
12DIMJ14SS	14" DIPS x 14" IPS	-	-	26.180	1.9171	15.300	14.000	16.98	0.824	1.73	7.28	11.49	956.53
12DIMJ16SS	16" DIPS x 16" IPS	-	-	35.860	2.8369	17.400	16.000	19.98	0.941	1.73	7.35	12.28	1,123.14
12DIMJ18SS	18" DIPS x 18" IPS	-	-	35.934	3.5918	19.456	17.925	21.57	1.059	1.73	8.33	13.34	1,393.41
12DIMJ20SS	20" DIPS x 20" IPS	-	-	46.799	4.4071	21.551	19.921	23.62	1.176	1.73	8.33	13.65	1,805.54
12DIMJ24SS	24" DIPS x 24" IPS	-	-	75.736	6.3699	25.748	23.897	27.95	1.412	1.73	8.33	14.09	2,445.29

PE4710 160PSI SDR17 • DIPS - DIPS

Code	Nominal Diameter $\varnothing$ (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD1 (DIPS)	OD2 (DIPS)	D	S	L1	L2	L	Price Each (\$)
12DIMJ03DSS	3" DIPS x 3" DIPS	-	-	1.265	0.1708	3.960	3.960	5.72	0.233	2.01	5.51	9.02	166.70
12DIMJ04DSS	4" DIPS x 4" DIPS	-	-	3.366	0.2597	4.800	4.800	6.62	0.283	2.20	6.34	10.24	178.77
12DIMJ06DSS	6" DIPS x 6" DIPS	-	-	5.940	0.4870	6.900	6.900	8.63	0.406	2.38	7.23	11.30	225.54
12DIMJ08DSS	8" DIPS x 8" DIPS	-	-	9.972	0.8032	9.050	9.050	10.75	0.533	2.38	7.66	12.01	286.06
12DIMJ10DSS	10" DIPS x 10" DIPS	-	-	17.820	1.3767	11.100	11.100	13.25	0.653	2.25	9.03	13.55	376.23
12DIMJ12DSS	12" DIPS x 12" DIPS	-	-	24.200	1.7815	13.200	13.200	15.43	0.777	1.73	8.52	12.93	403.68
12DIMJ14DSS	14" DIPS x 14" DIPS	-	-	25.716	2.1641	15.300	15.300	16.98	0.900	1.73	7.39	12.97	972.81
12DIMJ16DSS	16" DIPS x 16" DIPS	-	-	34.360	2.7625	17.400	17.400	19.97	1.024	1.73	7.4	11.97	1,135.74
12DIMJ18DSS	18" DIPS x 18" DIPS	-	-	36.841	3.5918	19.456	19.417	21.57	1.147	1.73	8.33	13.34	1,416.74
12DIMJ20DSS	20" DIPS x 20" DIPS	-	-	45.991	4.4071	21.598	21.511	23.62	1.271	1.73	8.33	13.65	1,818.53
12DIMJ24DSS	24" DIPS x 24" DIPS	-	-	82.391	6.2478	25.748	25.688	27.95	1.518	1.73	8.33	13.82	2,560.46

BUTT FUSION FITTINGS



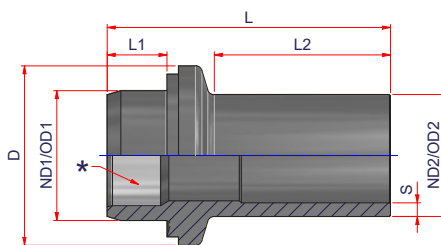
PE4710 230PSI SDR11 • DIPS - IPS

Code	Nominal Diameter ϕ (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD1 (DIPS)	OD2 (IPS)	D	S	L1	L2	L	FM APPROVED	Price Each (\$)
12EIMJ02SS	2" DIPS x 2" IPS	50	600	0.797	0.0562	2.510	2.375	3.49	0.216	1.93	5.07	7.97		111.23
12EIMJ03SS	3" DIPS x 3" IPS	-	-	2.006	0.1708	3.960	3.500	5.72	0.318	2.01	5.51	9.02		144.23
12EIMJ04SS	4" DIPS x 4" IPS	-	-	3.372	0.2641	4.800	4.500	6.63	0.409	2.21	6.51	10.46	250 PSI	154.98
12EIMJ06SS	6" DIPS x 6" IPS	-	-	6.404	0.4870	6.900	6.625	8.63	0.602	2.38	7.23	11.30	250 PSI	194.91
12EIMJ08SS	8" DIPS x 8" IPS	-	-	11.206	0.8072	9.050	8.625	10.75	0.784	2.38	7.66	12.07	250 PSI	264.72
12EIMJ10SS	10" DIPS x 10" IPS	-	-	18.700	1.3767	11.100	10.750	13.25	0.977	2.25	9.03	13.55	250 PSI	325.66
12EIMJ12SS	12" DIPS x 12" IPS	-	-	25.202	1.7815	13.200	12.750	15.43	1.159	1.73	8.52	12.93	250 PSI	340.41
12EIMJ14SS	14" DIPS x 14" IPS	-	-	27.998	1.9171	15.300	14.000	16.98	1.273	1.73	7.28	11.49	250 PSI	841.74
12EIMJ16SS	16" DIPS x 16" IPS	-	-	40.255	2.8369	17.400	16.000	19.98	1.455	1.73	7.35	12.28	250 PSI	988.37
12EIMJ18SS	18" DIPS x 18" IPS	-	-	51.009	3.5918	19.456	17.925	21.57	1.636	1.73	8.33	13.34	250 PSI	1,226.21
12EIMJ20SS	20" DIPS x 20" IPS	-	-	62.503	4.4071	21.551	19.921	23.62	1.818	1.73	8.33	13.64	250 PSI	1,588.88
12EIMJ24SS	24" DIPS x 24" IPS	-	-	94.721	6.3699	25.748	23.897	27.95	2.182	1.73	8.33	14.09	250 PSI	2,151.86

PE4710 230PSI SDR11 • DIPS - DIPS

Code	Nominal Diameter ϕ (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD1 (DIPS)	OD2 (DIPS)	D	S	L1	L2	L	FM APPROVED	Price Each (\$)
12EIMJ03DSS	3" DIPS x 3" DIPS	-	-	2.154	0.1708	3.960	3.960	5.72	0.360	2.01	5.58	9.02		146.70
12EIMJ04DSS	4" DIPS x 4" DIPS	-	-	3.652	0.2587	4.800	4.800	6.62	0.437	2.17	6.38	10.20	250 PSI	157.32
12EIMJ06DSS	6" DIPS x 6" DIPS	-	-	6.562	0.4846	6.900	6.900	8.62	0.628	2.38	7.23	11.27	250 PSI	198.47
12EIMJ08DSS	8" DIPS x 8" DIPS	-	-	11.416	0.8032	9.050	9.050	10.75	0.823	2.38	7.67	12.01	250 PSI	251.74
12EIMJ10DSS	10" DIPS x 10" DIPS	-	-	18.925	1.3716	11.100	11.100	13.25	1.009	2.25	9.03	13.5	250 PSI	331.09
12EIMJ12DSS	12" DIPS x 12" DIPS	-	-	25.439	1.7522	13.200	13.200	15.35	1.200	1.73	8.52	12.85	250 PSI	355.25
12EIMJ14DSS	14" DIPS x 14" DIPS	-	-	30.639	1.9505	15.300	15.300	16.98	1.391	1.73	7.39	11.69	250 PSI	856.08
12EIMJ16DSS	16" DIPS x 16" DIPS	-	-	40.785	2.7653	17.400	17.400	19.98	1.582	1.73	7.40	11.97	250 PSI	999.45
12EIMJ18DSS	18" DIPS x 18" DIPS	-	-	52.857	3.5326	19.456	19.417	21.57	1.773	1.73	8.33	13.12	250 PSI	1,246.73
12EIMJ20DSS	20" DIPS x 20" DIPS	-	-	66.068	4.3263	21.598	21.511	23.62	1.964	1.73	8.33	13.40	250 PSI	1,600.29
12EIMJ24DSS	24" DIPS x 24" DIPS	-	-	95.939	6.2478	25.748	25.688	27.95	2.346	1.73	8.33	13.82	250 PSI	2,253.20

BUTT FUSION FITTINGS



MJ ADAPTER

Supplied with stiffener sleeve

PE4710 300PSI SDR9 • DIPS - IPS

Code	Nominal Diameter ϕ (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD1 (DIPS)	OD2 (IPS)	S	D	L1	L2	L	FM APPROVED	Price Each (\$)
12HIMJ03SS	3" DIPS x 3" IPS	-	-	2.318	0.1708	3.960	3.500	0.389	5.72	2.01	5.51	9.02		154.73
12HIMJ04SS	4" DIPS x 4" IPS	-	-	3.187	0.2639	4.800	4.500	0.500	6.65	2.22	6.42	10.31	250 PSI	167.21
12HIMJ06SS	6" DIPS x 6" IPS	-	-	5.987	0.487	6.900	6.625	0.736	8.63	2.38	7.23	11.3	250 PSI	217.63
12HIMJ08SS	8" DIPS x 8" IPS	-	-	9.409	0.8072	9.050	8.625	0.958	10.75	2.38	7.66	12.07	250 PSI	268.99
12HIMJ10SS	10" DIPS x 10" IPS	-	-	21.426	1.3767	11.100	10.750	1.194	13.25	2.25	9.03	13.55	250 PSI	340.10
12HIMJ12SS	12" DIPS x 12" IPS	-	-	28.567	1.7815	13.200	12.750	1.417	15.43	1.73	8.52	12.93	250 PSI	423.21
12HIMJ14SS	14" DIPS x 14" IPS	-	-	32.923	1.9171	15.300	14.000	1.556	16.98	1.73	7.28	11.49	250 PSI	847.92
12HIMJ16SS	16" DIPS x 16" IPS	-	-	45.385	2.8369	17.400	16.000	1.778	19.98	1.73	7.35	12.28	250 PSI	994.36
12HIMJ18SS	18" DIPS x 18" IPS	-	-	58.674	3.5918	19.456	17.925	2.000	21.57	1.73	8.33	13.34	250 PSI	1,240.55
12HIMJ20SS	20" DIPS x 20" IPS	-	-	84.688	4.4071	21.551	19.921	2.222	23.62	1.73	8.33	13.65	250 PSI	1,600.29
12HIMJ24SS	24" DIPS x 24" IPS	-	-	116.523	6.3699	25.748	23.897	2.667	27.95	1.73	8.33	14.09	250 PSI	2,173.80

PE4710 300PSI SDR9 • DIPS - DIPS

Code	Nominal Diameter ϕ (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD1 (DIPS)	OD2 (DIPS)	S	D	L1	L2	L	FM APPROVED	Price Each (\$)
12HIMJ03DSS	3" DIPS x 3" DIPS	-	-	2.472	0.1738	3.960	3.960	0.440	5.72	2.01	5.57	9.18		162.47
12HIMJ04DSS	4" DIPS x 4" DIPS	-	-	4.195	0.2648	4.800	4.800	0.534	6.63	2.21	6.51	10.41	250 PSI	175.56
12HIMJ06DSS	6" DIPS x 6" DIPS	-	-	7.493	0.4853	6.900	6.900	0.767	8.63	2.38	7.23	11.26	250 PSI	228.52
12HIMJ08DSS	8" DIPS x 8" DIPS	-	-	13.360	0.8032	9.050	9.050	1.006	10.75	2.38	7.66	12.01	250 PSI	282.43
12HIMJ10DSS	10" DIPS x 10" DIPS	-	-	21.977	1.3716	11.100	11.100	1.234	13.25	2.25	9.03	13.5	250 PSI	357.11
12HIMJ12DSS	12" DIPS x 12" DIPS	-	-	30.591	1.8614	13.200	13.200	1.467	15.43	2.38	8.52	13.51	250 PSI	444.37
12HIMJ14DSS	14" DIPS x 14" DIPS	-	-	34.428	1.9572	15.300	15.300	1.700	16.98	1.73	7.39	11.73	250 PSI	890.31
12HIMJ16DSS	16" DIPS x 16" DIPS	-	-	47.351	2.7838	17.400	17.400	1.934	19.98	1.73	7.49	12.05	250 PSI	1,044.09
12HIMJ18DSS	18" DIPS x 18" DIPS	-	-	61.964	3.5487	19.456	19.417	2.167	21.57	1.73	8.33	13.18	250 PSI	1,302.58
12HIMJ20DSS	20" DIPS x 20" DIPS	-	-	82.973	4.6811	21.551	21.507	2.400	24.02	1.73	8.33	14.02	250 PSI	1,680.32
12HIMJ24DSS	24" DIPS x 24" DIPS	-	-	119.989	6.5236	25.748	25.799	2.867	27.95	1.73	8.33	14.43	250 PSI	2,282.49

BUTT FUSION FITTINGS



STIFFENER SLEEVE

For 'MJ' flange adapter

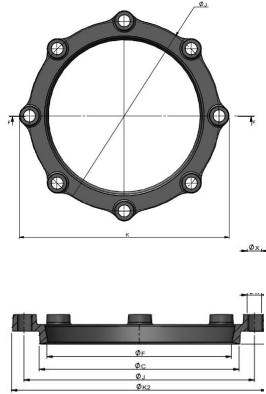
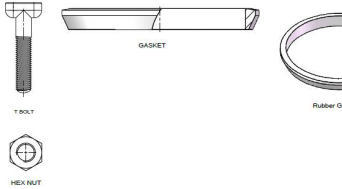
for SDR11

Code	Nominal Diameter ø	Price Each (\$)
00SSR0311	3"	\$ 41.51
00SSR0411	4"	\$ 47.93
00SSR0611	6"	\$ 52.55
00SSR0811	8"	\$ 63.17
00SSR1011	10"	\$ 67.64
00SSR1211	12"	\$ 78.90
00SSR1411	14"	\$ 90.98
00SSR1611	16"	\$ 111.25
00SSR1811	18"	\$ 182.81
00SSR2011	20"	\$ 188.18
00SSR2411	24"	\$ 206.98

for SDR9

Code	Nominal Diameter ø	Price Each (\$)
00SSR0309	3"	\$ 41.51
00SSR0409	4"	\$ 47.93
00SSR0609	6"	\$ 52.55
00SSR0809	8"	\$ 63.17
00SSR1009	10"	\$ 67.64
00SSR1209	12"	\$ 78.90
00SSR1409	14"	\$ 90.98
00SSR1609	16"	\$ 111.25
00SSR1809	18"	\$ 182.81
00SSR2009	20"	\$ 188.18
00SSR2409	24"	\$ 206.98

BUTT FUSION FITTINGS

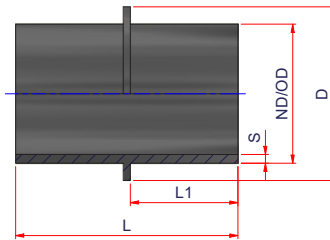


MECHANICAL JOINT ACCESSORY SET

Standard: ANSI/AWWA C153

Code	Nominal Size IPS	Holes (no.)	GLAND SIZE							T BOLT/HEX NUT			Weight lb/set	CARTON SIZE			FM APPROVED	Price Each (\$)
			ID	C	F	J	K2	M	X	Thr.	L	Qty		L	W	H		
12EIMJPACK02C153	2"	2	2.38	3.4	2.61	4.75	6.12	0.62	3/4	5/8	4	2	2.8	7.09	6.1	1.18		POA
12EIMJPACK03C153	3"	4	3.96	4.84	4.06	6.19	7.69	0.62	3/4	5/8	4.5	4	5.6	10	5.91	1.57		POA
12EIMJPACK04C153	4"	4	4.8	5.92	4.9	7.5	9.12	0.75	7/8	3/4	4.5	4	7.2	13	7.28	1.85	250 PSI	POA
12EIMJPACK06C153	6"	6	6.9	8.02	7	9.5	11.12	0.88	7/8	3/4	5	6	11	12.2	10.83	1.97	250 PSI	POA
12EIMJPACK08C153	8"	6	9.05	10.17	9.15	11.75	13.37	1	7/8	3/4	6	6	13	14.4	12.4	1.97	250 PSI	POA
12EIMJPACK10C153	10"	8	11.1	12.22	11.2	14	15.62	1	7/8	3/4	6	8	18	15	16.34	1.97	250 PSI	POA
12EIMJPACK12C153	12"	8	13.2	14.32	13.3	16.25	17.88	1	7/8	3/4	6	8	19	18.5	16.93	2.17	250 PSI	POA
12EIMJPACK14C153	14"	10	15.3	16.4	15.44	18.75	20.25	1.25	7/8	3/4	7	10	26	15	16.34	1.97	250 PSI	POA
12EIMJPACK16C153	16"	12	17.4	18.5	17.54	21	22.5	1.31	7/8	3/4	7	12	32	15	16.34	1.97	250 PSI	POA
12EIMJPACK18C153	18"	12	19.5	20.6	19.64	23.25	24.75	1.38	7/8	3/4	7	12	37	15	16.34	1.97	250 PSI	POA
12EIMJPACK20C153	20"	14	21.6	22.7	21.74	25.5	27	1.44	7/8	3/4	7	14	51	15	16.34	1.97	250 PSI	POA
12EIMJPACK24C153	24"	16	25.8	26.9	25.94	30	31.5	1.56	7/8	3/4	9	16	78	15	16.34	1.97	250 PSI	POA

BUTT FUSION FITTINGS



WALL ANCHOR PLAIN-ENDS

PE4710 160PSI SDR17 • IPS

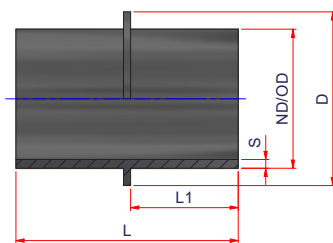
Code	Nominal Diameter ϕ (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD	S	L1	L	D	Price Each (\$)
12DIAP02	2" IPS	-	-	0.694	0.1033	2.375	0.140	5.55	11.50	3.94	92.82
12DIAP04	4" IPS	-	-	6.954	0.2315	4.500	0.265	5.18	11.11	6.00	139.05
12DIAP06	6" IPS	-	-	5.734	0.6335	6.625	0.390	7.00	14.80	8.60	210.09
12DIAP08	8" IPS	-	-	12.026	1.1483	8.625	0.507	8.27	17.56	10.63	299.70
12DIAP10	10" IPS	-	-	16.006	1.5104	10.750	0.632	7.64	16.65	12.52	410.93
12DIAP12	12" IPS	-	-	30.764	2.9063	12.750	0.750	10.35	22.32	15.00	534.51
12DIAP14	14" IPS	-	-	37.118	3.7162	14.000	0.824	10.28	22.22	17.00	741.51
12DIAP16	16" IPS	-	-	50.940	4.7200	16.000	0.941	10.06	22.01	19.25	866.46
12DIAP18	18" IPS	-	-	55.334	5.3032	18.000	1.059	9.92	21.87	20.47	1,016.49
12DIAP20	20" IPS	-	-	74.900	7.0416	20.000	1.176	9.65	21.59	23.74	1,081.37
12DIAP22	22" IPS	-	-	91.140	8.2805	22.000	1.294	9.43	21.38	25.87	1,174.06
12DIAP24	24" IPS	-	-	112.336	9.6668	24.000	1.412	9.19	21.14	28.11	1,190.12

PE4710 230PSI SDR11 • IPS

Code	Nominal Diameter ϕ (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD	S	L1	L	D	Price Each (\$)
12EIAP02	2" IPS	-	-	0.750	0.1600	2.375	0.216	5.47	11.33	4.94	103.81
12EIAP04	4" IPS	-	-	2.722	0.2292	4.500	0.409	5.10	11.00	6.00	149.54
12EIAP06	6" IPS	-	-	7.342	0.6020	6.625	0.602	6.65	14.13	8.58	223.07
12EIAP08	8" IPS	-	-	15.994	1.1483	8.625	0.784	8.27	17.56	10.63	312.80
12EIAP10	10" IPS	-	-	22.022	1.5104	10.750	0.977	7.64	16.65	12.52	422.66
12EIAP12	12" IPS	-	-	40.654	2.9115	12.750	1.159	10.39	22.36	15.00	555.01
12EIAP14	14" IPS	-	-	51.398	3.6873	14.000	1.237	10.28	22.23	16.93	757.26
12EIAP16	16" IPS	-	-	68.976	4.7200	16.000	1.455	10.06	22.01	19.25	890.01
12EIAP18	18" IPS	-	-	83.500	5.3032	18.000	1.636	9.92	21.87	20.47	1,030.34
12EIAP20	20" IPS	-	-	102.794	6.7454	20.000	1.818	9.65	21.60	23.23	1,088.80
12EIAP22	22" IPS	-	-	125.820	8.2805	22.000	2.000	9.43	21.38	25.87	1,190.31
12EIAP24	24" IPS	-	-	151.904	9.0910	24.000	2.182	9.19	21.14	27.26	1,200.14

All measures are in inches unless otherwise mentioned.
We reserve the right to vary dimensions without notice; check the web site for the updated dimensions.

BUTT FUSION FITTINGS



WALL ANCHOR PLAIN-ENDS

PE4710 300PSI SDR9 • IPS

Code	Nominal Diameter ϕ (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD	S	L1	L	D	Price Each (\$)
12HIAP02	2" IPS	-	-	0.958	0.1079	2.375	0.264	5.63	11.65	4.00	115.34
12HIAP04	4" IPS	-	-	3.468	0.2494	4.500	0.500	5.63	11.97	6.00	165.61
12HIAP06	6" IPS	-	-	9.626	0.6331	6.625	0.736	7.00	14.86	8.58	247.85
12HIAP08	8" IPS	-	-	18.214	1.1326	8.625	0.958	8.03	17.32	10.63	347.41
12HIAP10	10" IPS	-	-	26.342	1.4967	10.750	1.194	7.48	16.50	12.52	469.62
12HIAP12	12" IPS	-	-	49.966	2.8711	12.750	1.417	10.08	22.05	15.00	616.54
12HIAP14	14" IPS	-	-	61.114	3.6610	14.000	1.556	10.05	21.89	17.00	822.10
12HIAP16	16" IPS	-	-	82.164	4.6342	16.000	1.778	9.67	21.61	19.25	967.18
12HIAP18	18" IPS	-	-	97.808	5.1893	18.000	2.000	9.43	21.40	20.47	1,118.97
12HIAP20	20" IPS	-	-	124.170	6.5518	20.000	2.222	9.04	20.98	23.23	1,183.44
12HIAP22	22" IPS	-	-	120.272	7.3749	22.000	2.444	8.63	20.39	25.00	1,292.70
12HIAP24	24" IPS	-	-	179.854	8.9921	24.000	2.667	8.76	20.91	27.26	1,304.35

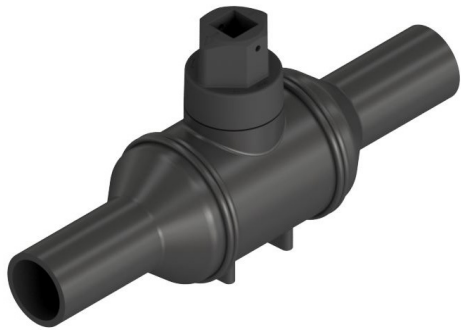
PE4710 340PSI SDR7 • IPS

Code	Nominal Diameter ϕ (ND1 x ND2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD	S	L1	L	D	Price Each (\$)
12GIAP02	2" IPS	-	-	1.152	0.1037	2.375	0.339	5.51	11.54	3.94	124.93
12GIAP04	4" IPS	-	-	4.304	0.2452	4.500	0.643	5.43	11.77	6.00	180.01
12GIAP06	6" IPS	-	-	11.32	0.6139	6.625	0.946	6.57	14.41	8.58	268.66
12GIAP08	8" IPS	-	-	21.994	1.1071	8.625	1.232	7.64	16.93	10.63	377.46
12GIAP10	10" IPS	-	-	33.190	1.4532	10.750	1.536	7.01	16.02	12.52	510.46
12GIAP12	12" IPS	-	-	60.428	2.8164	12.750	1.821	9.67	21.63	15.00	668.97
12GIAP14	14" IPS	-	-	75.404	3.5463	14.000	2.000	9.41	21.38	16.93	893.30
12GIAP16	16" IPS	-	-	100.140	4.5034	16.000	2.286	9.04	21.00	19.25	1,050.47
12GIAP18	18" IPS	-	-	117.702	4.7327	18.000	2.571	8.66	20.61	19.92	1,215.70
12GIAP20	20" IPS	-	-	162.932	7.1133	20.000	2.857	9.07	21.81	23.74	1,285.28
12GIAP22	22" IPS	-	-	114.540	7.9572	22.000	3.143	9.03	22.00	25.00	1,405.28
12GIAP24	24" IPS	-	-	259.742	10.1145	24.000	3.429	9.61	23.52	27.26	1,418.14

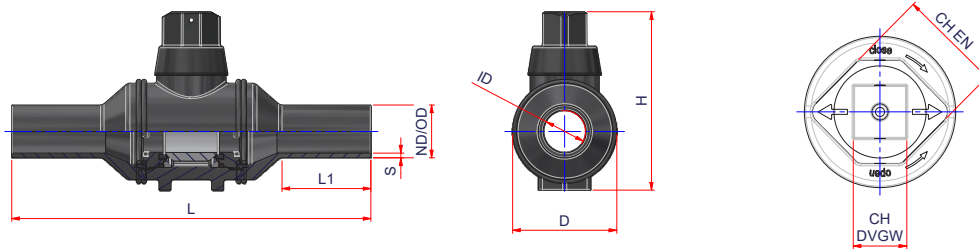
All measures are in inches unless otherwise mentioned.

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VALVES



VALVE FOR UNDERGROUND APPLICATION



PE4710 230PSI SDR11

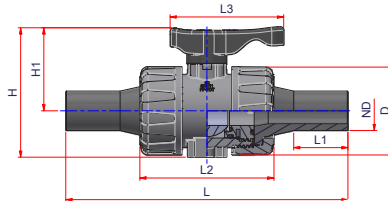
Code	Nominal Diameter ø (ND)	Body Type (mm)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	ID	OD	S	D	L1	L	H	CH EN	CH DVGW	Price Each (\$)
12EIVS01CTS	1" CTS	DN 32	1	-	1.025	0.0804	0.885	1.125	0.101	2.48	2.95	10.94	5.12	2"	0.83	78.33
12EIVS01	1" IPS	DN 32	12	324	1.025	0.0891	0.935	1.315	0.120	2.75	2.95	10.94	5.12	2"	0.83	78.33
12EIVS114CTS	1"¼ CTS	DN 63	1	-	3.836	0.3500	1.142	1.375	0.121	4.69	3.15	16.14	7.99	2"	1.03	151.59
12EIVS114	1"¼ IPS	DN 63	9	108	3.827	0.3500	1.339	1.660	0.151	4.69	3.15	16.14	7.99	2"	1.03	151.59
12EIVS112	1"½ IPS	DN 63	7	-	3.858	0.3509	1.510	1.900	0.173	4.69	4.00	16.14	8.01	2"	1.03	151.59
12EIVS02	2" IPS	DN 63	9	108	4.101	0.3509	1.890	2.375	0.216	4.69	4.00	16.14	8.01	2"	1.03	151.59
12EIVS03	3" IPS	DN 80	12	48	14.991	0.8701	2.783	3.500	0.318	6.30	5.91	21.50	11.10	2"	1.03	375.95
12EIVS0480	4" IPS	DN 80	12	48	15.653	0.8701	3.110	4.500	0.409	6.30	6.10	21.50	11.10	2"	1.03	375.95
12EIVS04	4" IPS	DN 100	1	-	18.400	1.4017	3.670	4.500	0.409	8.27	6.10	23.62	12.4	2"	1.03	730.00 (*)
12EIVS06100	6" IPS	DN 100	1	-	22.121	1.4164	3.700	6.625	0.602	8.27	6.22	23.6	12.54	2"	1.03	1,286.00
12EIVS06	6" IPS	DN 125	1	-	47.399	2.6507	5.157	6.625	0.602	11.81	4.35	23.62	16.42	2"	1.03	3,150.00

(*) PRICE REVISED

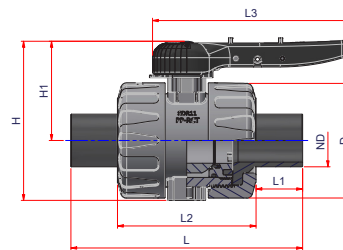
VALVES



(A)



(B)

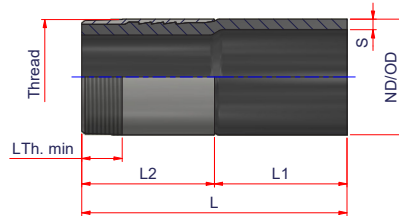


PP-RCT TRUE UNION BALL VALVE PE SPIGOT ENDS

SDR11

Code	Type	Nominal Diameter ϕ (ND)	Body Type	Carton Qty	Weight lb/p.	Volume ft ³ /p.	D	L1	L2	L3	L	H1	H	Price Each (\$)
27NBVLS034034PE	A	¾" IPS	¾"	1	-	0.0480	2.44	1.65	3.77	3.64	8.72	2.60	3.90	87.12
27NBVLS100034PE	A	1" IPS	¾"	1	-	0.0467	2.44	1.73	3.77	3.64	8.48	2.60	3.90	95.00
27NBVLS114100PE	A	1¼" IPS	1"	1	0.822	0.0726	2.82	2.36	4.29	3.64	10.67	2.70	4.17	105.00
27NBVLS112114PE	A	1½" IPS	1¼"	1	-	0.1041	3.49	2.56	5.09	4.00	10.43	3.14	4.94	145.00
27NBVLS200200PE	A	2" IPS	2"	1	3.108	0.2569	4.80	2.95	6.04	5.28	13.58	4.33	6.81	210.00
27NBVLS212200PE	A	2½" IPS	2"	1	3.346	0.2561	4.80	2.95	6.04	5.28	13.58	4.33	6.81	590.00
27NBVLS300300PE	B	3" IPS	3"	1	12.147	0.7766	7.80	3.23	9.37	13.35	15.67	6.93	10.98	1,197.00
27NBVLS400300PE	B	4" IPS	3"	1	12.831	0.8039	7.80	4.84	9.37	13.35	16.22	6.93	10.98	1,250.00

TRANSITION FITTINGS



PE/STEEL MALE THREADED ZINC COATED TRANSITION FITTINGS

Category 3

PE4710 230PSI SDR11 • IPS

Code	Nominal Diameter ϕ (NDxThread)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD	S	Thread	L Thread	L1	L2	L	Price Each (\$)
12EIRPEAFM0101NPT	1" IPS x 1"NPT	-	-	0.265	0.0059	1.315	0.120	1" NPT	0.75	3.90	2.00	5.90	24.35
12EIRPEAFM114114NPT	1"½ IPS x 1"½ NPT	-	-	0.492	0.0132	1.660	0.151	1"½ NPT	0.75	5.70	2.60	8.30	27.02
12EIRPEAFM112112NPT	1"½ IPS x 1"½ NPT	-	-	0.595	0.0173	1.900	0.173	1"½ NPT	0.75	5.70	2.60	8.30	28.17
12EIRPEAFM0202NPT	2" IPS x 2" NPT	-	-	1.111	0.0291	2.375	0.216	2" NPT	0.94	5.30	3.50	8.90	30.97
12EIRPEAFM0303NPT	3" IPS x 3" NPT	-	-	2.090	0.0617	3.500	0.318	3" NPT	1.22	4.60	4.00	8.70	47.65
12EIRPEAFM0404NPT	4" IPS x 4" NPT	-	-	3.959	0.1477	4.500	0.409	4" NPT	1.34	8.60	4.00	12.60	69.01

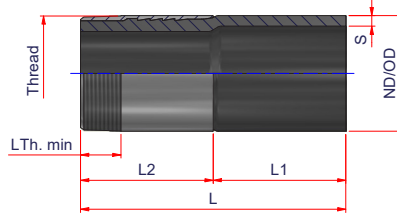
PE4710 300PSI SDR9 • IPS

Code	Nominal Diameter ϕ (NDxThread)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD	S	Thread	L Thread	L1	L2	L	Price Each (\$)
12HIRPEAFM0101NPT	1" IPS x 1"NPT	-	-	0.282	0.0059	1.315	0.146	1" NPT	0.75	3.90	2.00	5.90	24.96
12HIRPEAFM114114NPT	1"½ IPS x 1"½ NPT	-	-	0.531	0.0132	1.660	0.184	1"½ NPT	0.75	5.70	2.60	8.30	27.82
12HIRPEAFM112112NPT	1"½ IPS x 1"½ NPT	-	-	0.642	0.0173	1.900	0.211	1"½ NPT	0.75	5.70	2.60	8.30	30.90
12HIRPEAFM0202NPT	2" IPS x 2" NPT	-	-	1.067	0.0291	2.375	0.264	2" NPT	0.94	5.30	3.50	8.90	32.92
12HIRPEAFM0303NPT	3" IPS x 3" NPT	-	-	2.242	0.0617	3.500	0.389	3" NPT	1.22	4.60	4.00	8.70	51.25
12HIRPEAFM0404NPT	4" IPS x 4" NPT	-	-	4.277	0.1477	4.500	0.500	4" NPT	1.34	8.60	4.00	12.60	80.73

PE4710 340PSI SDR7 • IPS

Code	Nominal Diameter ϕ (NDxThread)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD	S	Thread	L Thread	L1	L2	L	Price Each (\$)
12GIRPEAFM0101NPT	1" IPS x 1"NPT	-	-	0.302	0.0059	1.315	0.188	1" NPT	0.75	3.90	2.00	5.90	25.37
12GIRPEAFM114114NPT	1"½ IPS x 1"½ NPT	-	-	0.580	0.0132	1.660	0.237	1"½ NPT	0.75	5.70	2.60	8.30	28.41
12GIRPEAFM112112NPT	1"½ IPS x 1"½ NPT	-	-	0.703	0.0173	1.900	0.271	1"½ NPT	0.75	5.70	2.60	8.30	32.43
12GIRPEAFM0202NPT	2" IPS x 2" NPT	-	-	1.166	0.0291	2.375	0.339	2" NPT	0.94	5.30	3.50	8.90	33.77
12GIRPEAFM0303NPT	3" IPS x 3" NPT	-	-	2.440	0.0617	3.500	0.500	3" NPT	1.22	4.60	4.00	8.70	52.06
12GIRPEAFM0404NPT	4" IPS x 4" NPT	-	-	4.804	0.1477	4.500	0.643	4" NPT	1.34	8.60	4.00	12.60	83.02

TRANSITION FITTINGS



PE/STAINLESS STEEL MALE THREADED TRANSITION FITTINGS

Category 3

PE4710 230PSI SDR11 • IPS

Code	Nominal Diameter ϕ (NDxThread)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD	S	Thread	L Thread	L1	L2	L	Price Each (\$)
12EIRPEAFM0101SSNPT	1" IPS x 1" NPT	-	-	0.282	0.0059	1.315	0.120	1" NPT	0.75	3.90	2.00	5.90	38.06
12EIRPEAFM114114SSNPT	1 1/4" IPS x 1 1/4" NPT	-	-	0.485	0.0132	1.660	0.151	1 1/4" NPT	0.75	5.70	2.60	8.30	40.58
12EIRPEAFM112112SSNPT	1 1/2" IPS x 1 1/2" NPT	-	-	0.586	0.0173	1.900	0.173	1 1/2" NPT	0.75	5.70	2.60	8.30	47.79
12EIRPEAFM0202SSNPT	2" IPS x 2" NPT	-	-	0.959	0.0291	2.375	0.216	2" NPT	0.94	5.30	3.50	8.90	79.47
12EIRPEAFM0303SSNPT	3" IPS x 3" NPT	-	-	2.094	0.0617	3.500	0.318	3" NPT	1.22	4.60	4.00	8.70	137.32
12EIRPEAFM0404SSNPT	4" IPS x 4" NPT	-	-	3.922	0.1477	4.500	0.409	4" NPT	1.34	8.60	4.00	12.60	179.39

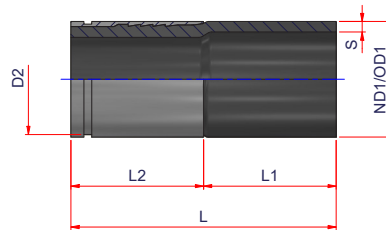
PE4710 300PSI SDR9 • IPS

Code	Nominal Diameter ϕ (NDxThread)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD	S	Thread	L Thread	L1	L2	L	Price Each (\$)
12HIRPEAFM0101SSNPT	1" IPS x 1" NPT	-	-	0.291	0.0059	1.315	0.146	1" NPT	0.75	3.90	2.00	5.90	38.06
12HIRPEAFM114114SSNPT	1 1/4" IPS x 1 1/4" NPT	-	-	0.540	0.0132	1.660	0.184	1 1/4" NPT	0.75	5.70	2.60	8.30	40.58
12HIRPEAFM112112SSNPT	1 1/2" IPS x 1 1/2" NPT	-	-	0.650	0.0173	1.900	0.211	1 1/2" NPT	0.75	5.70	2.60	8.30	47.79
12HIRPEAFM0202SSNPT	2" IPS x 2" NPT	-	-	1.104	0.0291	2.375	0.264	2" NPT	0.94	5.30	3.50	8.90	79.47
12HIRPEAFM0303SSNPT	3" IPS x 3" NPT	-	-	2.308	0.0617	3.500	0.389	3" NPT	1.22	4.60	4.00	8.70	137.32
12HIRPEAFM0404SSNPT	4" IPS x 4" NPT	-	-	4.297	0.1477	4.500	0.500	4" NPT	1.34	8.60	4.00	12.60	179.39

PE4710 340PSI SDR7 • IPS

Code	Nominal Diameter ϕ (NDxThread)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD	S	Thread	L Thread	L1	L2	L	Price Each (\$)
12GIRPEAFM0101SSNPT	1" IPS x 1" NPT	-	-	0.311	0.0059	1.315	0.188	1" NPT	0.75	3.90	2.00	5.90	38.06
12GIRPEAFM114114SSNPT	1 1/4" IPS x 1 1/4" NPT	-	-	0.589	0.0132	1.660	0.237	1 1/4" NPT	0.75	5.70	2.60	8.30	40.58
12GIRPEAFM112112SSNPT	1 1/2" IPS x 1 1/2" NPT	-	-	0.712	0.0173	1.900	0.271	1 1/2" NPT	0.75	5.70	2.60	8.30	47.79
12GIRPEAFM0202SSNPT	2" IPS x 2" NPT	-	-	1.204	0.0291	2.375	0.339	2" NPT	0.94	5.30	3.50	8.90	79.47
12GIRPEAFM0303SSNPT	3" IPS x 3" NPT	-	-	2.507	0.0617	3.500	0.500	3" NPT	1.22	4.60	4.00	8.70	137.32
12GIRPEAFM0404SSNPT	4" IPS x 4" NPT	-	-	4.824	0.1477	4.500	0.643	4" NPT	1.34	8.60	4.00	12.60	179.39

TRANSITION FITTINGS



**PE/STEEL VICTAULIC
TRANSITION FITTING GALVANIZED**
Category 3

PE4710 160PSI SDR17 • IPS

Code	Nominal Diameter ϕ (NDxD2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD	S	D2	L1	L2	L	Price Each (\$)
12DIRPEAV0606	6" IPS x 6"	-	-	6.625	0.3302	6.625	0.390	6"	8.00	5.00	13.00	149.77
12DIRPEAV0808	8" IPS x 8"	-	-	8.625	0.6458	8.625	0.507	8"	9.00	6.00	15.00	189.62

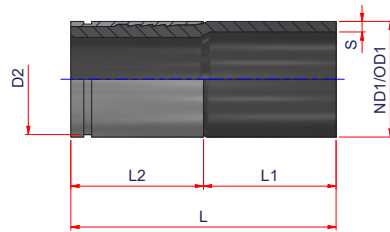
PE4710 230PSI SDR11 • IPS

Code	Nominal Diameter ϕ (NDxD2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD	S	D2	L1	L2	L	Price Each (\$)
12EIRPEAV0101	1" IPS x 1"	-	-	0.309	0.0063	1.315	0.120	1"	3.90	2.44	6.34	29.84
12EIRPEAV114114	1 1/4" IPS x 1 1/4"	-	-	0.560	0.0139	1.660	0.151	1 1/4"	5.70	2.99	8.69	35.52
12EIRPEAV112112	1 1/2" IPS x 1 1/2"	-	-	0.668	0.0182	1.900	0.173	1 1/2"	5.70	2.99	8.69	39.52
12EIRPEAV0202	2" IPS x 2"	-	-	1.041	0.0289	2.375	0.216	2"	5.30	3.54	8.84	46.88
12EIRPEAV0303	3" IPS x 3"	-	-	2.143	0.0611	3.500	0.318	3"	4.60	4.02	8.62	48.01
12EIRPEAV0404	4" IPS x 4"	-	-	3.891	0.1479	4.500	0.409	4"	8.60	4.02	12.62	58.64
12EIRPEAV0606	6" IPS x 6"	-	-	8.225	0.3302	6.625	0.602	6"	8.00	5.00	13.00	131.99
12EIRPEAV0808	8" IPS x 8"	-	-	15.772	0.6458	8.625	0.784	8"	9.00	6.00	15.00	232.14

PE4710 300PSI SDR9 • IPS

Code	Nominal Diameter ϕ (NDxThread)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD	S	D2	L1	L2	L	Price Each (\$)
12HIRPEAV0101	1" IPS x 1"	-	-	0.324	0.0063	1.315	0.146	1"	3.90	2.44	6.34	32.26
12HIRPEAV114114	1 1/4" IPS x 1 1/4"	-	-	0.593	0.0139	1.660	0.184	1 1/4"	5.70	2.99	8.69	39.15
12HIRPEAV112112	1 1/2" IPS x 1 1/2"	-	-	0.712	0.0182	1.900	0.211	1 1/2"	5.70	2.99	8.69	45.73
12HIRPEAV0202	2" IPS x 2"	-	-	1.109	0.0289	2.375	0.264	2"	5.30	3.54	8.84	47.73
12HIRPEAV0303	3" IPS x 3"	-	-	2.280	0.0611	3.500	0.389	3"	4.60	4.02	8.62	50.58
12HIRPEAV0404	4" IPS x 4"	-	-	4.259	0.1479	4.500	0.500	4"	8.60	4.02	12.62	62.42
12HIRPEAV0606	6" IPS x 6"	-	-	9.012	0.3302	6.625	0.736	6"	8.00	5.00	13.00	143.09
12HIRPEAV0808	8" IPS x 8"	-	-	17.289	0.6458	8.625	0.958	8"	9.00	6.00	15.00	236.56

TRANSITION FITTINGS



PE/STEEL VICTAULIC TRANSITION FITTING GALVANIZED

Category 3

PE4710 340PSI SDR7 • IPS

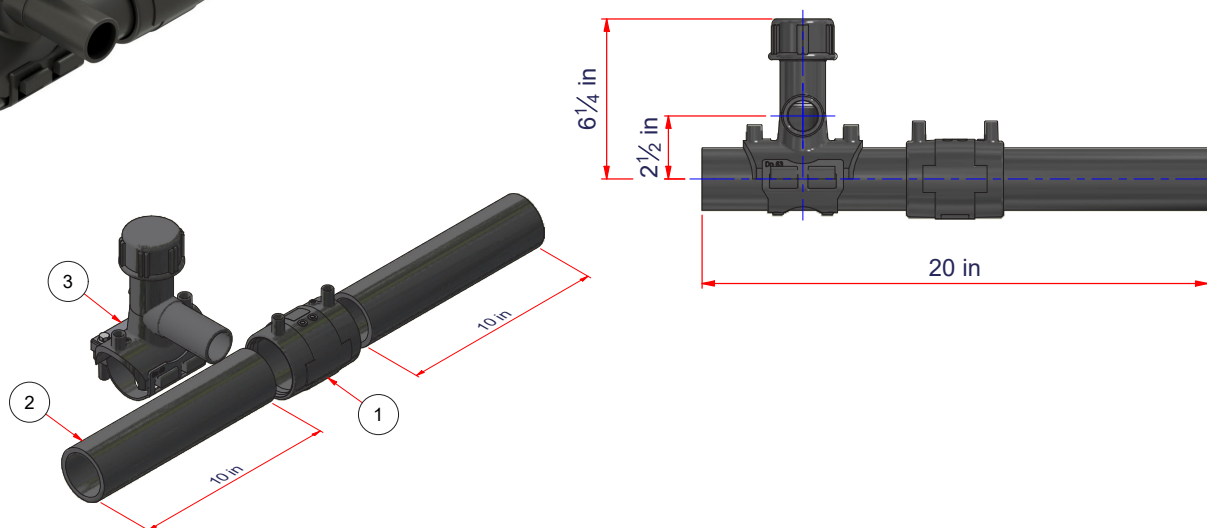
Code	Nominal Diameter ϕ (NDxD2)	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	OD	S	D2	L1	L2	L	Price Each (\$)
12GIRPEAV0101	1" IPS x 1"	-	-	0.346	0.0063	1.315	0.188	1"	3.90	2.44	6.34	33.31
12GIRPEAV114114	1 1/4" IPS x 1 1/4"	-	-	0.644	0.0139	1.660	0.237	1 1/4"	5.70	2.99	8.69	37.51
12GIRPEAV112112	1 1/2" IPS x 1 1/2"	-	-	0.776	0.0182	1.900	0.271	1 1/2"	5.70	2.99	8.69	42.74
12GIRPEAV0202	2" IPS x 2"	-	-	1.206	0.0289	2.375	0.339	2"	5.30	3.54	8.84	48.22
12GIRPEAV0303	3" IPS x 3"	-	-	2.478	0.0611	3.500	0.500	3"	4.60	4.02	8.62	52.27
12GIRPEAV0404	4" IPS x 4"	-	-	4.797	0.1479	4.500	0.643	4"	8.60	4.02	12.62	65.95
12GIRPEAV0606	6" IPS x 6"	-	-	10.152	0.3302	6.625	0.946	6"	8.00	5.00	13.00	140.29
12GIRPEAV0808	8" IPS x 8"	-	-	19.495	0.6458	8.625	1.232	8"	9.00	6.00	15.00	245.86

TRAINING SECTION



TRAINING KIT

2" Service piping with E/F coupler to 1"1/4 Tapping tee



Code	Nominal Size IPS	Pack.	Price Each (\$)
12HOTPELO-01	1"1/4 to 2"	4 Item	\$ 60.00

REF.	ITEM CODE	DESCRIPTION	PCS. NR.
3	12EIPRES02114	2" x 1"1/4 Elofit Tapping Tee	1
2	25T100W0211520	2" IPS DR11 HD-PE Pipe	2
1	12EIME02	2" Elofit Electrofusion Coupling	1

EloPRESS

2

COMPRESSION FITTINGS

TECHNICAL INFORMATION

THE MATERIAL:

- ◇ BODY IN BLACK PP
- ◇ NUT IN LIGHT BLUE ACETAL COPOLYMER POM
- ◇ GASKET IN NBR 70 SHORE
- ◇ SPLIT RING IN WHITE POLYACETAL

FIELD OF USE: PE100. PE80. PE63. PE40. PE32 PIPES

INTERNATIONAL STANDARD: ACCORDING TO ISO 14236-2000

ASSEMBLY INSTRUCTIONS

Cut the pipe with the pipe cutter. chamfer and clean the pipe before installation!

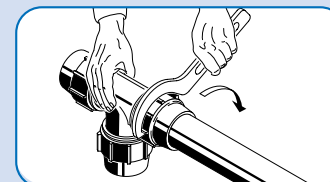
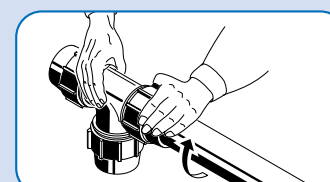
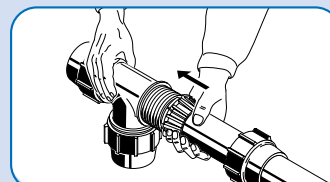
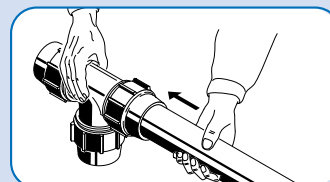
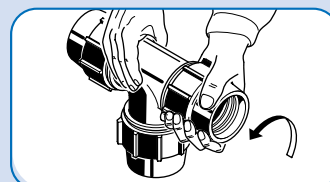
Unscrew the nut and the split ring. Put the pipe through the nut and the split ring- with the conic part facing the nut.

Insert the pipe into the body until bottoms out.

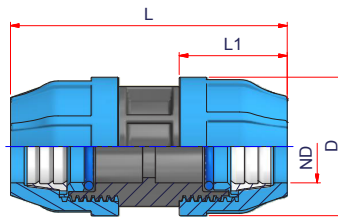
Slide the split ring until it reaches the body of the fitting.

Tighten the nut on the body of the fitting.

Use a wrench to completely tighten the nut.

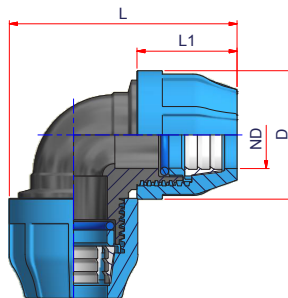


COMPRESSION FITTINGS



COUPLER

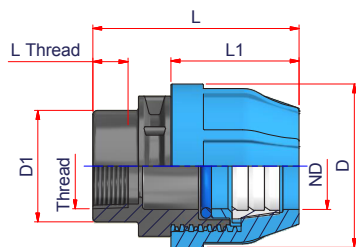
Code	Nominal Size IPS	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	ND (IPS)	D	L1	L	Price Each (\$)
10KIMAN34	¾"	35	1820	0.314	0.0191	¾"	2.09	1.77	4.59	11.12
10KIMAN01	1"	20	1040	0.495	0.0335	1"	2.57	2.09	5.35	14.22
10KIMAN114	1"¼	12	624	0.880	0.0558	1"¼	3.19	2.48	6.37	22.25
10KIMAN112	1"½	12	624	0.880	0.0558	1"½	3.70	2.76	6.93	32.55
10KIMAN02	2"	23	276	1.970	0.1229	2"	4.41	3.29	8.42	41.41



90° ELBOW

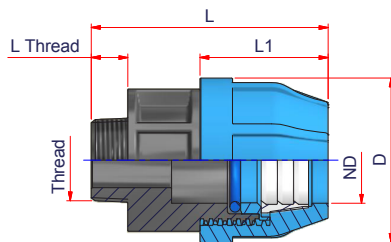
Code	Nominal Size IPS	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	ND (IPS)	D	L1	L	Price Each (\$)
10KIG34	¾"	30	1560	0.301	0.0222	¾"	2.09	1.77	3.93	10.51
10KIG01	1"	20	1040	0.506	0.0335	1"	2.57	2.09	4.80	16.07
10KIG114	1"¼	8	416	0.880	0.0837	1"¼	3.19	2.48	5.66	23.10
10KIG112	1"½	8	416	-	-	1"½	3.70	2.76	6.56	36.75
10KIG02	2"	19	228	2.142	0.1487	2"	4.41	3.29	8.35	49.43

COMPRESSION FITTINGS



FEMALE STRAIGHT ADAPTER

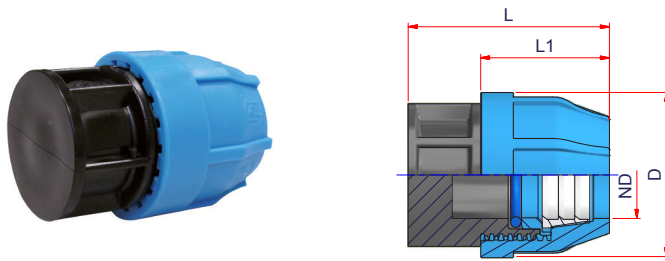
Code	Nominal Size IPS x NPT	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	ND (IPS)	Thread	L Thread	D1	D	L1	L	Price Each (\$)
10KIRFF3434NPT	¾" x ¾" NPT	30	2700	0.161	0.0127	¾"	¾" NPT	0.62	1.48	2.09	1.77	3.14	12.36
10KIRFF0101NPT	1" x 1" NPT	35	1820	0.277	0.0191	1"	1" NPT	0.68	1.77	2.57	2.09	3.46	10.51
10KIRFF114114NPT	1"¼ x 1"¼ NPT	20	1040	0.462	0.0335	1"¼	1"¼ NPT	0.88	2.16	3.19	2.48	4.01	14.22
10KIRFF0202NPT	2" x 2" NPT	32	384	1.258	0.0883	2"	2" NPT	0.72	3.08	4.41	3.29	6.18	30.28



MALE STRAIGHT ADAPTER

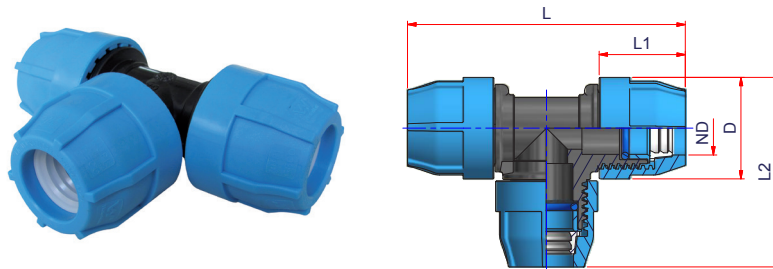
Code	Nominal Size IPS	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	ND (IPS)	Thread	L Thread	D	L1	L	Price Each (\$)
10KIRFM3434NPT	¾" x ¾" NPT	30	2700	0.183	0.0127	¾"	¾" NPT	0.55	2.09	1.77	3.18	8.04
10KIRFM0101NPT	1" x 1" NPT	35	1820	0.280	0.0191	1"	1" NPT	0.68	2.57	2.09	4.02	10.51
10KIRFM114114NPT	1"¼ x 1"¼ NPT	18	936	0.495	0.0370	1"¼	1"¼ NPT	0.71	3.19	2.48	4.01	13.60
10KIRFM112112NPT	1"½ x 1"½ NPT	18	936	0.495	0.0370	1"½	1"½ NPT	0.72	3.70	2.76	5.02	18.90
10KIRFM0202NPT	2" x 2" NPT	32	384	1.213	0.0883	2"	2" NPT	0.76	4.41	3.29	6.47	26.58

COMPRESSION FITTINGS



END FITTING

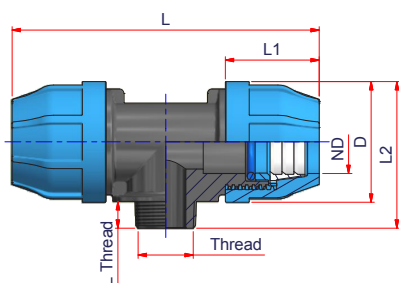
Code	Nominal Size IPS	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	ND (IPS)	D	L1	L	Price Each (\$)
10KITAPPO34	¾"	30	2880	0.205	0.0106	¾"	2.09	1.77	2.63	8.04
10KITAPPO1	1"	40	2080	0.256	0.0166	1"	2.57	2.09	3.27	12.36
10KITAPPO114	1¼"	12	1056	0.477	0.0244	1¼"	3.19	2.48	3.88	16.07
10KITAPPO2	2"	15	405	2.694	0.0848	2"	4.41	3.29	5.47	40.17



EQUAL TEE

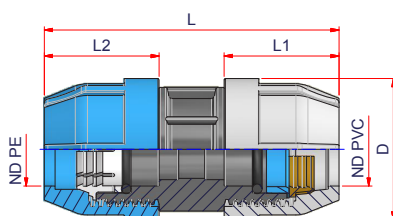
Code	Nominal Size IPS	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	ND (IPS)	D	L1	L2	L	Price Each (\$)
10KIT34	¾"	20	1040	0.429	0.0335	¾"	2.09	1.77	3.90	5.70	15.46
10KIT1	1"	10	520	0.880	0.0667	1"	2.57	2.09	4.67	6.77	20.40
10KIT114	1¼"	6	288	1.393	0.0989	1¼"	3.19	2.48	5.66	8.11	26.58
10KIT112	1½"	6	288	-	-	1½"	3.70	2.76	6.64	9.23	42.00
10KIT2	2"	13	156	3.114	0.2172	2"	4.41	3.29	8.07	11.73	65.50

COMPRESSION FITTINGS



MALE TEE THREADED

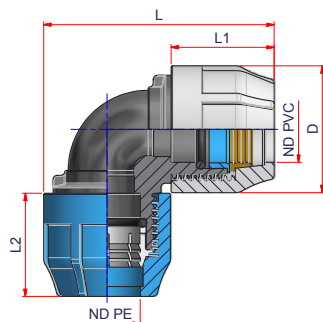
Code	Nominal Size IPS	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	ND (IPS)	Thread	L Thread	D	L1	L2	L	Price Each (\$)
10KITM3434NPT	¾"	-	-	-	-	¾"	¾" NPT	0.55	2.09	1.77	2.63	5.70	15.46
10KITM11NPT	1"	-	-	-	-	1"	1" NPT	0.75	2.57	2.09	3.27	6.77	23.48
10KITM114114NPT	1"¼	-	-	-	-	1"¼	1"¼ NPT	0.71	3.18	2.48	3.89	8.11	26.58
10KITM0202NPT	2"	-	-	-	-	2"	2" NPT	1.01	4.41	3.29	5.42	11.73	60.55



TRANSITION COUPLER PE-PVC

Code	Nominal Size IPS	Pack.	Q.ty pallet	Weight lb/p.	Volume ft³/p.	ND PE (IPS)	D	L1	ND PVC (IPS)	L2	L	Price Each (\$)
10KIMAN3434PVC	¾" - ¾"	25	1300	0.418	0.0268	¾"	2.09	1.77	¾"	1.77	4.39	13.60
10KIMAN0101PVC	1" - 1"	20	960	0.561	0.0297	1"	2.57	2.09	1"	2.09	5.35	15.46
10KIMAN114114PVC	1"¼ - 1"¼	12	576	1.045	0.0494	1"¼	3.19	2.48	1"¼	2.48	6.37	26.58
10KIMAN0202PVC	2" - 2"	5	260	2.244	0.1338	2"	4.41	3.29	2"	3.29	8.42	111.85

COMPRESSION FITTINGS



TRANSITION ELBOW 90° PE-PVC

Code	Nominal Size IPS	Pack.	Q.ty pallet	Weight lb/p.	Volume ft ³ /p.	ND PE (IPS)	D	L1	ND PVC (IPS)	L2	L	Price Each (\$)
10KIG3434PVC	¾" - ¾"	20	1040	0.479	0.0335	¾"	2.09	1.77	¾"	1.77	3.90	13.60
10KIG0101PVC	1" - 1"	18	864	0.587	0.0328	1"	2.57	2.09	1"	2.09	4.67	15.46
10KIG114114PVC	1"¼ - 1"¼	9	432	1.149	0.0657	1"¼	3.19	2.48	1"¼	2.48	5.65	29.66
10KIG0202PVC	2" - 2"	-	-	-	-	2"	4.41	3.30	2"	3.30	7.94	111.85

TRANSITION KIT



CONVERSION KIT PE-PVC 3/4"

Code	Nominal Size IPS	Price Each (\$)
10KITPVC34	3/4"	13.60



CONVERSION KIT PE-PVC 1"

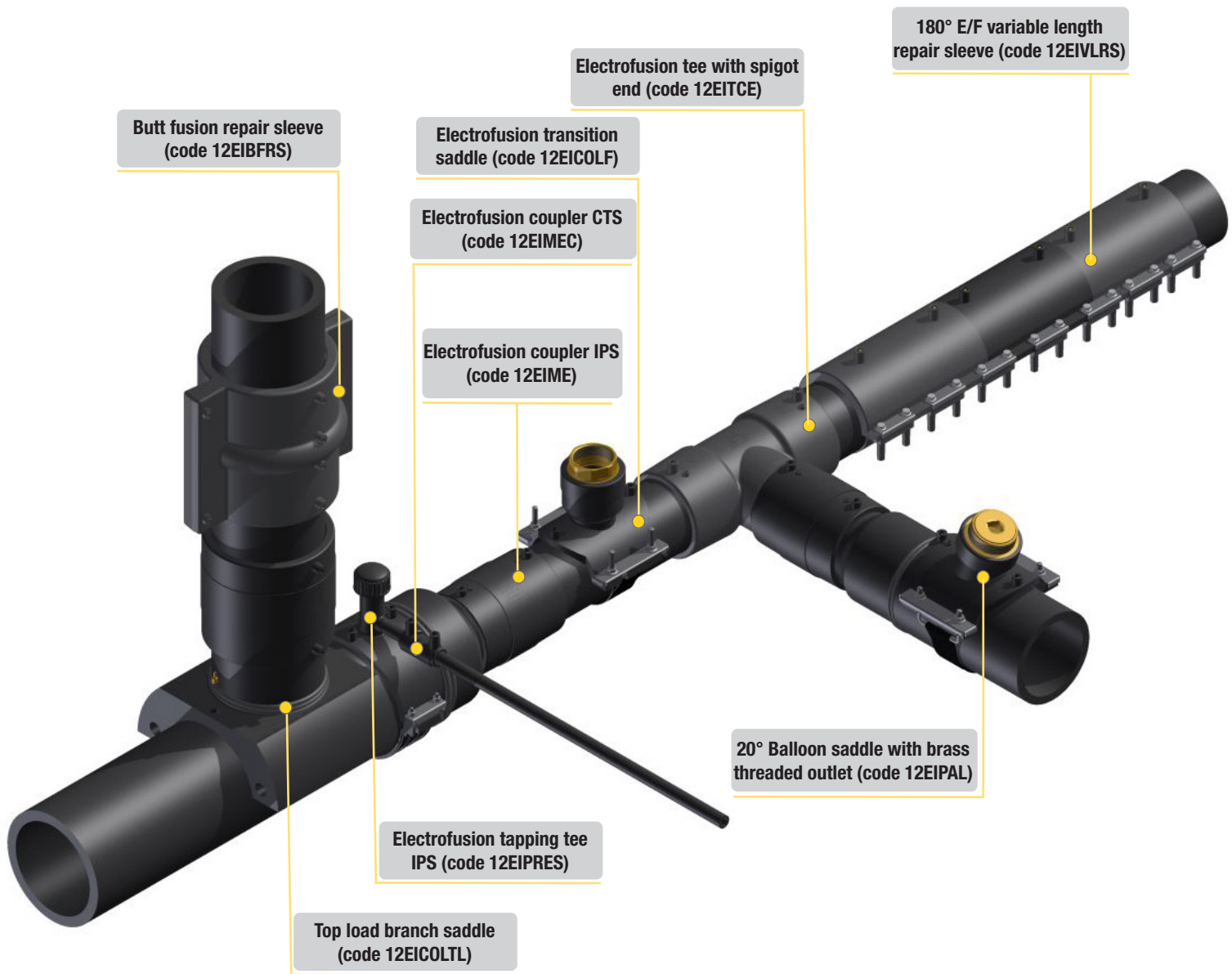
Code	Nominal Size IPS	Price Each (\$)
10KITPVC1	1"	13.60



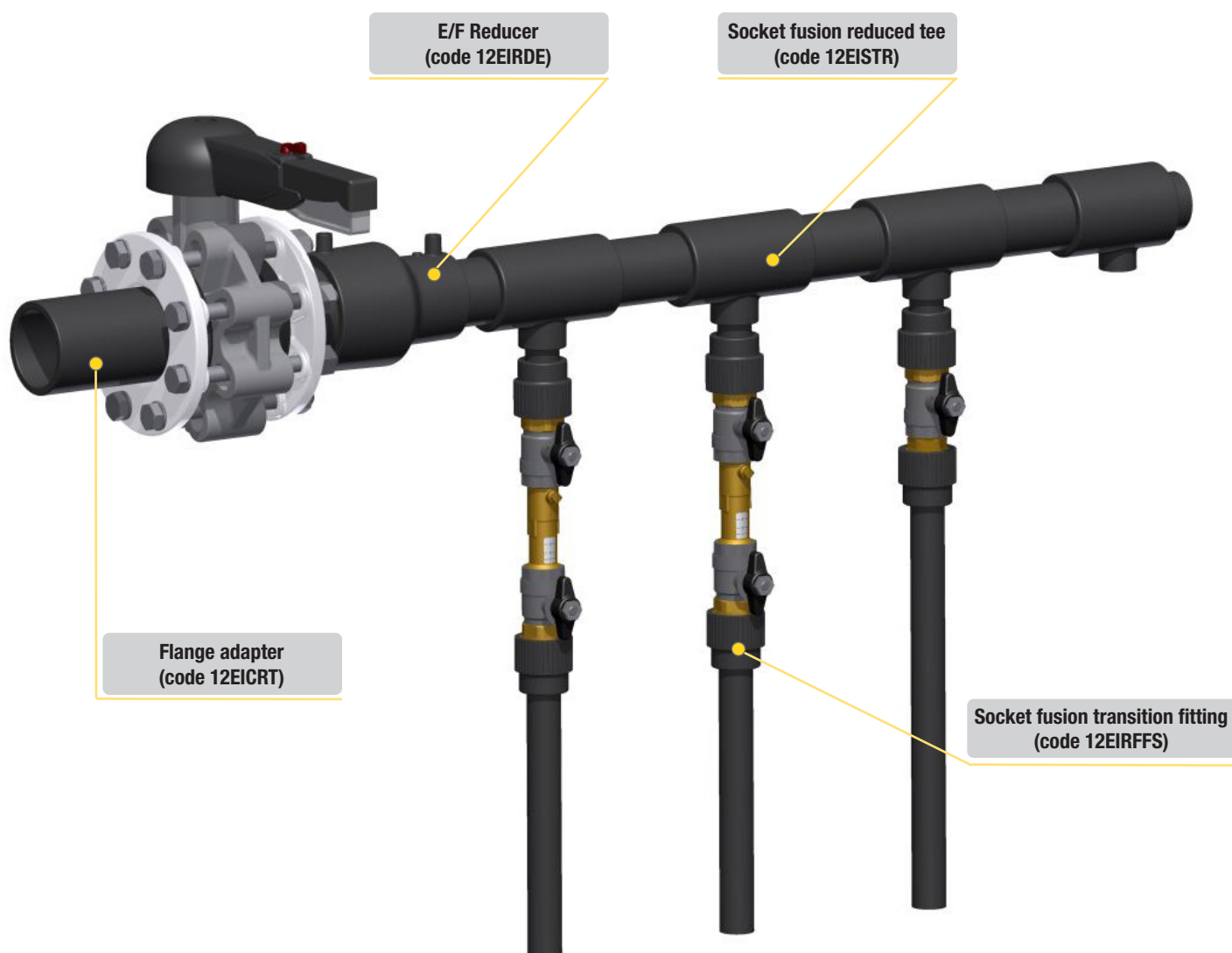
CONVERSION KIT PE-PVC 1 1/4"

Code	Nominal Size IPS	Price Each (\$)
10KITPVC114	1 1/4"	20.40
10KITPVC2	2"	71.68

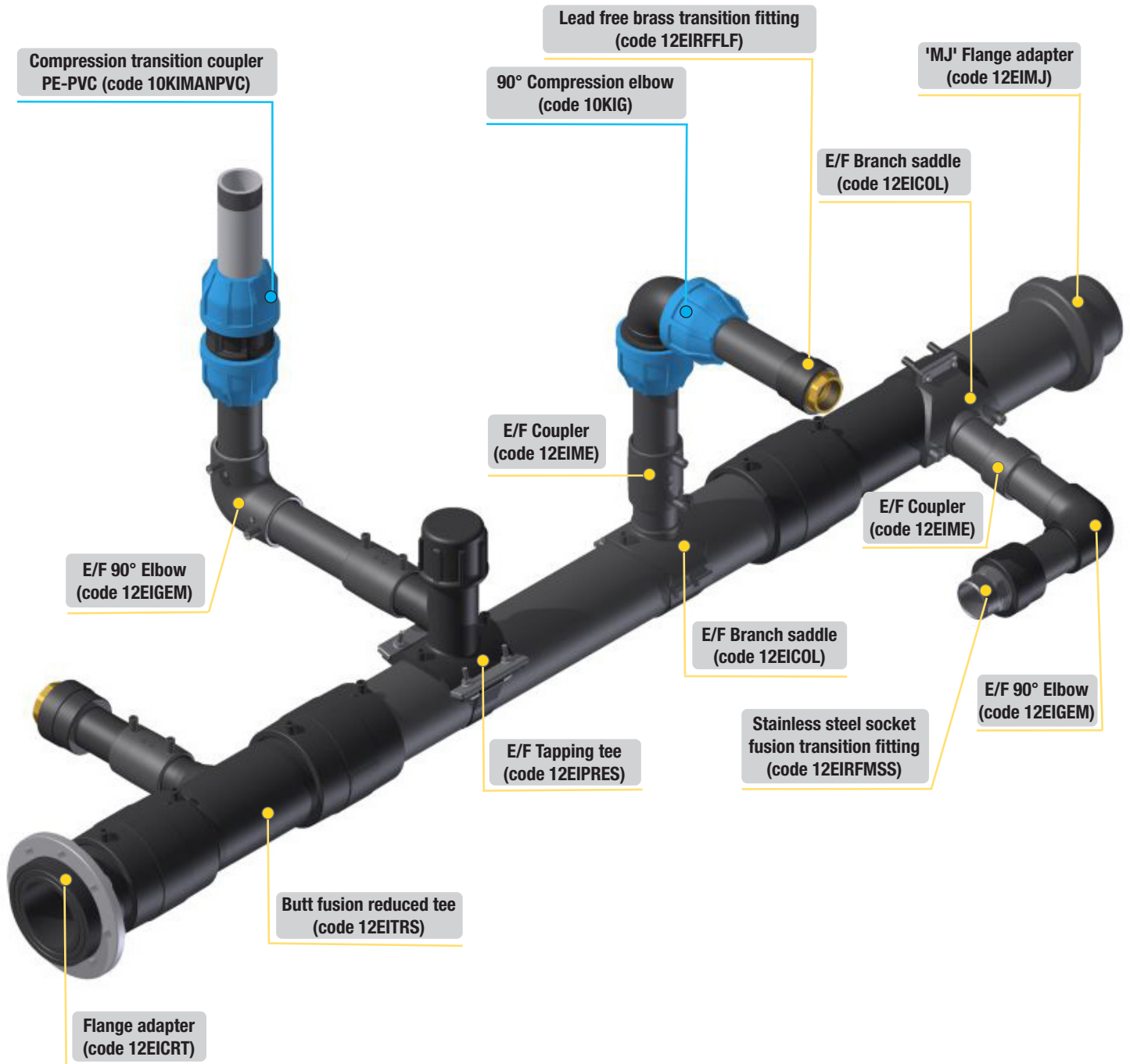
EXAMPLE OF INSTALLATIONS



EXAMPLE OF INSTALLATIONS



EXAMPLE OF INSTALLATIONS



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FREIGHT CONDITIONS: All Elofit orders are shipped F.O.B. Origin. Once the material leaves the dock it becomes the property and responsibility of the consignee. If freight is lost, or damaged, all freight claims must be filed by the consignee. When shipping to a job site, freight will be third party billed. CUSTOMERS WILL HAVE ONE WEEK FROM THE DATE OF RECEIPT OF AN ORDER TO REPORT LOST, MISSING OR DAMAGED MATERIALS FROM THE SHIPMENT.

FULL FREIGHT ALLOWANCE: To meet the full freight allowance, Elofit orders must be for immediate complete shipment to one location within the contiguous United States or Canada. Each shipment for a project will be subject to the schedule below based on the amount of the follow-up order (i.e. the amount is not cumulative if follow-up orders are placed for the same project). Shipments to Alaska, Puerto Rico, Hawaii or for export are not allowed, except for the mainland portion of the freight. For shipments to Alaska, Hawaii, Puerto Rico or for export, the freight allowances shown below, for qualified items, are for shipment to East Coast, Gulf Coast or West Coast Ports only.

For orders totaling between \$0.00 and \$3,000.00 involving fittings-only and/or small equipment, the freight cost will be the amount billed. Orders greater than \$3,000.00 net will be freight-allowed.

The above freight terms do not apply to air freight shipments or expedited shipments. Air freight shipments and expedited forms of delivery will be negotiated and agreed to in each circumstance. Customers may alternatively arrange for their own transportation or may arrange for the freight to be billed to a third-party account by specifying this on the purchase order. Next day air orders must be received by 11:00AM EST for next day service.

The minimum accepted net order amount shall be \$100.00 in all circumstances. For orders placed that are less than \$100.00, the net value of the order shall be increased by an amount so that the total order will be billed at \$100.00 plus the applicable amount for shipping percentage based on \$100 net order value. The customer will have 24 hours after notice of order confirmation to increase the amount or type of parts being ordered to be greater than or equal to \$100.00 to avoid paying the surcharge.

PAYMENT TERMS: All invoices are due net 30 days from the date of the invoice, with all Past Due accounts subject to a service charge of 1.5% per month.

RETURN POLICY: All orders are non-returnable and non-cancellable.

ORDER ACCEPTANCE: No price list, literature, catalogue, website or other material describing our products is to be construed as an offer to sell same. Orders are subject to acceptance by us at our offices in Early Branch, SC. Your order, when shipped by us, shall be the complete contract between us, subject to, and incorporating therein, the terms and conditions, herein set forth, and any provisions or terms contained in the order submitted to us that are not consistent with our terms and conditions shall not be valid. Prices and discounts contained in any of our price lists or posted on our website are subject to change without notice.

LIMITED WARRANTY: Nupi Americas warrants that products sold by it which are included in its Elofit Piping System shall be of good materials and workmanship and free from functional defects for a period of thirty (30) years from the date of sale, excepting valves, gaskets and o-rings; products other than pipes and fittings shall be of good materials and workmanship and free from functional defects for a period of one (1) year from the date of sale; provided that such products are properly installed in accordance with the specifications and published instructions of Nupi Americas by qualified installers who have been trained and certified by Nupi Americas or its authorized representatives. These respective warranties shall become immediately null and void if the products to which they apply due to any of the following: (i) are employed in applications not recommended by Nupi Americas; (ii) are installed by anyone other than an installer trained and certified by Nupi Americas or its authorized representatives; (iii) were installed in a manner which fails to comply with written installation instructions of Nupi Americas; (iv) were installed in a manner that does not comply with common installation or use practices and existing building and plumbing codes and legal requirements; (v) was not at all times used in a manner consistent with its

intended use; (vi) was not at all times used in installations and environments acceptable to its material and design specifications; (vii) was modified, altered or repaired by anyone other than the Seller; (viii) was not properly subjected to and passed common testing methods (including pressure the testing recommendations of Nupi Americas and the authority having local jurisdiction) immediately after the product's installation and before the product is put into service. In the event of a system malfunction or leak caused by defective Nupi Americas' warranted materials (and not by incorrect installation, incorrect handling procedures or by jobsite or installation damage), a reasonable amount will be allowed for repair materials and repair labor as long as the amount is pre-approved by Nupi Americas. In order to qualify for a warranty remedy described in the previous sentence, you must contact Nupi Americas in advance and receive a written authorization for this remedy from an authorized Nupi Americas' representative. Repair materials, repair labor and freight expenses not authorized in writing in advance by Nupi Americas in this way will not be compensated. Note that Nupi Americas limits its warranty to its piping, valves and accessories, fittings, insulation, jacketing and field connections that are properly made in accordance with the written instructions of Nupi Americas by an installer who is trained and certified by Nupi Americas or its authorized representatives, subject to the other limitations described above.

Evidence of tampering, mishandling, misuse or abuse, neglect, accidental damage, freeze damage or unauthorized repairs that cause damage to Nupi Americas' warranted products will void any warranty coverage for those particular products.

Nupi Americas provides a complete preinsulated pipe system offering so that it is possible to complete an installation with Nupi Americas' products. However, it is possible that other manufacturers' will be interconnected to the Elofit preinsulated pipe system in any given installation. The Elofit product in the given installation will continue to be covered under this warranty. In a combined system, Nupi Americas will be responsible only for proven defects in material or workmanship in the Nupi Americas products. Products manufactured by another company should be reported to that manufacturer for its warranty response.

These limited warranties are in lieu of all other warranties, express or implied, including, without limitation, those concerning merchantability or fitness for a particular purpose. These limited warranties are also in lieu of any other possible liabilities of Nupi Americas, whether alleged to have arisen by agreement or by operation of law, respecting the sale, installation, use or function of Nupi Americas' products, including, without limitation, claims of negligence, gross negligence, strict liability or any other tort.

LIMITATION OF LIABILITY: If a claim arises as the result of a product defect, Nupi Americas shall cover losses caused to third parties for property damages and bodily injury or incidental damages in those situations where Nupi America's Liability Insurance Policy provides coverage for such losses, up to the coverage amounts provided in such policy and subject to all of the terms, conditions and exclusions of such policy (Policy ITCANY05134 Issued by ACE European Group, Ltd., A Chubb Company).

No person is authorized by Nupi Americas to accept for it any other liability of any kind in connection with the sale or use of products sold and/or marketed by it.

All requests and notices under this Warranty shall be directed to: Nupi Americas. Attn: Customer Service 314 Commerce Parkway, Early Branch, SC 29916; Tel: 803-398-3579. Fax: 803-398-3639

SHIPPING DATES – DELAYS – SHORTAGE CLAIMS: Promises of shipping dates are estimates, and as such, cannot be guaranteed. Nupi Americas will not be liable for any delay in a delivery. Any claims for shipping errors, shortages or defects must be made to Nupi Americas within 24 hours of receipt of the goods. Buyer shall be required to make timely payment to seller of any amount which is undisputed, or not subject to such claims.

TAXES: Any sales or manufacturers' taxes are to be paid by the buyer, including those imposed under any future statutes.



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