

Certificate of Compliance

This certificate is issued for the following:

Polyethylene (PE) Pipe and Fittings for Underground Fire Protection Service

(see attached listing)

Prepared for:

NUPI INDUSTRIE ITALIANE S.p.A

Piazza San Marco 1

Milan 20121, Italy

Approval Standard: FM 1613 (October 2022)

Approval Identification: PR466025

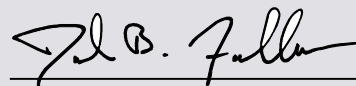
Approval Granted: 26 Mar 2024

Revision Request: RR241854

Date Authorized: 6 August 2024

To verify the availability of the Approved product, please refer to www.approvalguide.com

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.



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Model No	Product Description	Nominal Pipe Size, in	Rated Working Pressure		Remarks
			psi	(kPa)	
Pipe	SDR 11	3, 4, 5, 5 1/2, 6, 7, 8, 9, 10, 11, 12	180	(1240)	a
Pipe	SDR 11	14, 16	215	(1480)	a
Pipe	SDR 11	18	200	(1375)	a
Pipe	SDR 11	20	170	(1170)	a
Pipe	SDR 11	22	215	(1480)	a
Pipe	SDR 11	24	170	(1170)	a
Pipe	SDR 7.4	2, 2-1/2, 3	300	(2065)	a
EIME	EF Coupler, SDR11	2, 3, 4, 6, 8, 10	245	(1685)	a, b
EIME	EF Coupler, SDR11	12, 14, 16, 18, 20, 22, 24	200	(1375)	a, b
EIME	EF Coupler, SDR11	28	180	(1240)	a, b
EICOL	EF Branch Saddle, SDR11	2, 3, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 28	180	(1240)	a, b
EIG	BF Elbow 90°, SDR11	2, 3, 4, 6, 8, 10, 12	200	(1375)	a, b
EIC	BF Elbow 45°, SDR11	2, 3, 4, 6, 8, 10, 12	200	(1375)	a, b
EIT	BF Tee, SDR11	2, 3	180	(1240)	a, b
EIT	BF Tee, SDR11	4, 6, 8, 10, 12	200	(1375)	a, b



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Model No	Product Description	Nominal Pipe Size, in	Rated Working Pressure		Remarks
			psi	(kPa)	
EIR	BF Concentric Reducer, SDR11	4 x 2, 3 6 x 3, 4 8 x 4, 6 10 x 6, 8 12 x 6, 8, 10 14 x 10, 12	200	(1375)	a, b
EIR	BF Concentric Reducer, SDR11	16 x 12, 14 18 x 16 20 x 16, 18 22 x 18, 20	170	(1170)	a, b
EICRT	BF Stub End, SDR11	2, 3, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24	200	(1375)	a, b
EICRT_D	BF Stub End, SDR11 (DIPS)	4, 6, 8, 10, 12, 14, 16, 18, 20, 24	200	(1375)	b, c
FLAVN	Backing Ring, SDR11	2, 3, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24	200	(1375)	a
HICRT	BF Stub End Long Spigot, SDR9	4, 6, 8, 10, 12, 14, 16, 18, 20, 24	250	(1720)	a, b
HICRT_D	BF Stub End, SDR9 (DIPS)	4, 6, 8, 10, 12, 14, 16, 18, 20, 24	250	(1720)	c, b
HIG	BF Elbow 90°, SDR9	4, 6, 8, 10, 12	250	(1720)	a, b
HIC	BF Elbow 45°, SDR9	4, 6, 8, 10, 12	250	(1720)	a, b
HIT	BF Tee, SDR9	4, 6, 8	250	(1720)	a, b



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Model No	Product Description	Nominal Pipe Size, in	Rated Working Pressure		Remarks
			psi	(kPa)	
HIR	BF Concentric Reducer, SDR9	4 x 2, 3 6 x 3, 4 8 x 4, 6 10 x 6, 8 12 x 6, 8, 10 14 x 10, 12 16 x 12, 14	250	(1720)	a, b
GIME	EF Coupler, SDR7	4, 6, 8, 10, 12, 14, 16, 18, 20	335	(2305)	a, b
GIR	BF Concentric Reducer, SDR7	4 x 2, 3 6 x 3, 4 8 x 4, 6 10 x 6, 8 12 x 6, 8, 10 14 x 10, 12 16 x 12, 14 18 x 16 20 x 16, 18 24 x 16, 18, 22	335	(2305)	a, b
GICRT	BF Stub End, SDR7	2, 3	290	(1995)	a, b
GICRT	BF Stub End, SDR7	4, 6, 8, 10, 12, 14, 16, 18, 20, 24	335	(2305)	a, b
FLAVN	Backing Ring, SDR7	2, 3, 4, 6, 8, 10, 12, 14, 16, 18, 20	335	(2305)	a

- a. Iron Pipe Size (IPS) outside diameter basis.
- b. Injection molded.
- c. Ductile Iron Pipe Size (DIPS) outside diameter basis.

