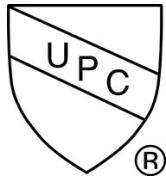


IAPMO RESEARCH AND TESTING, INC.

4755 E. Philadelphia Street, Ontario, CA 91761 • Phone (909) 472-4100 • Fax (909) 472-4244 • www.iapmort.org



CERTIFICATE OF LISTING



IAPMO Research and Testing, Inc. is a product certification body in which its product certification system includes inspection and testing of samples taken from the supplier's stock or from the market or a combination of both to verify compliance to the requirements of applicable codes and standards. This activity is coupled with periodic surveillance of the supplier's factory and/or warehouses as well as the assessment of the supplier's Quality Assurance System. This listing is subject to the conditions set forth in the characteristics below and is not to be construed as any recommendation, assurance or guarantee by IAPMO Research and Testing, Inc. of the product acceptance by Authorities Having Jurisdiction.

Issued To:

NUPI INDUSTRIE ITALIANE SPA

VIA S. FERRARIO, 8, Z.I. SUD-OVEST, BUSTO ARSIZIO, VA 21052, ITALY

Product:

Pressure Rated Polypropylene Piping Systems

Products are in compliance with the following code(s):

Uniform Plumbing Code (UPC®)

Products are certified to the following standard(s)

ASTM F2389-2021

NSF/ANSI 14-2023

File Number: 9840

Revised Date: October 30, 2025

Effective Date: July 2024

Void After: July 2029*


Chairman, Product Certification Committee




Chief Technical Service Officer

*This certificate is not evidence of current listing. To verify listing status, visit the IAPMO R&T Product Listing Directory at pld.iapmo.org

This listing period is based upon the last date of the month indicated on the Effective Date and Void After Date shown above. Any change in material, manufacturing process, marking or design without having first obtained the approval of the Product Certification Committee, or any evidence of non-compliance with applicable codes and standards or of inferior workmanship, may be deemed sufficient cause for revocation of this listing. Production of or reference to this form for advertising purposes may be made only by specific written permission of IAPMO Research and Testing, Inc. Any alteration of this certificate could be grounds for revocation of the listing. This document shall be reproduced in its entirety.

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING



Issued To: NUPI INDUSTRIE ITALIANE SPA

File Number: 9840

Product: Pressure Rated Polypropylene Piping Systems

Effective Date: July 2024

Revised Date: October 2025

Void After: July 2029

This certificate is not evidence of current listing. To verify listing status, visit the IAPMO R&T Product Listing Directory at pld.iapmo.org

Identification:

Pipe shall be marked at intervals of not more than 5 ft. with the manufacturer's name or trademark, nominal size, for metric series pipe - the term "metric" and the dimension ratio or both the outside diameter and wall thickness, IPS series pipe shall include "Schedule 80" or "SCH 80", type of material (PP-R) and classification number (80 or 100), pressure rating and temperature for which pressure rating is valid, the designation "F2389", manufacturer's production code, and pipe intended for the transport of potable water shall bear the mark of the lab making such evaluation. Fittings shall be marked with the manufacturer's name or trademark, nominal size, dimension ratio or schedule for corresponding pipe and type of material (PP-R). The fitting or packaging shall be marked with "Metric" or "NPT" for threaded fittings, and the designation "F2389". All products shall bear the UPC® certification mark.

Characteristics:

Pressure rated polypropylene pipe and fittings manufactured in accordance with ASTM F2389. To be installed per the manufacturer's instructions and the latest edition of the Uniform Plumbing Code.

Products listed on this certificate have been tested by an IAPMO R&T recognized laboratory. This recognition has been granted based upon the laboratory's compliance to the applicable requirements of ISO/IEC 17025.

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Models

PIPES:

Niron Grey

Model Number	Description
27TNIRR2073	20 mm
27TNIRR2573	25 mm
27TNIRR329	32 mm
27TNIRR4011	40 mm
27TNIRR5011	50 mm
27TNIRR6311	63 mm
27TNIRR7511	75 mm
27TNIRR9011	90 mm
27TNIRR11011	110 mm
27TNIRR12511	125 mm
27TNIRR16011	160 mm
27TNIRR6317	63 mm
27TNIRR7517	75 mm
27TNIRR9017	90 mm
27TNIRR11017	110 mm
27TNIRR12517	125 mm
27TNIRR16017	160 mm

Niron Blue

Model Number	Description
27TNIRRB2073	20 mm
27TNIRRB2573	25 mm

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Model Number	Description
27TNIRRB329	32 mm
27TNIRRB4011	40 mm
27TNIRRB5011	50 mm
27TNIRRB6311	63 mm
27TNIRRB7511	75 mm
27TNIRRB9011	90 mm
27TNIRRB11011	110 mm
27TNIRRB12511	125 mm
27TNIRRB16011	160 mm
27TNIRRB6317	63 mm
27TNIRRB7517	75 mm
27TNIRRB9017	90 mm
27TNIRRB11017	110 mm
27TNIRRB12517	125 mm
27TNIRRB16017	160 mm

Niron Clima

Model Number	Description
27TNIRCL2073	20 mm
27TNIRCL2573	25 mm
27TNIRCL3273	32 mm
27TNIRCL4073	40 mm
27TNIRCL5073	50 mm
27TNIRCL6373	63 mm
27TNIRCL7573	75 mm
27TNIRCL9073	90 mm

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Model Number	Description
27TNIRCL11073	110 mm
27TNIRCL12573	125 mm
27TNIRCL16073	160 mm
27TNIRCL20073	200 mm
27TNIRCL25073	250 mm
27TNIRCL31573	315 mm
27TNIRCL329	32 mm
27TNIRCL409	40 mm
27TNIRCL509	50 mm
27TNIRCL639	63 mm
27TNIRCL759	75 mm
27TNIRCL909	90 mm
27TNIRCL1109	110 mm
27TNIRCL1259	125 mm
27TNIRCL1609	160 mm
27TNIRCL2009	200 mm
27TNIRCL2509	250 mm
27TNIRCL3159	315 mm
27TNIRCL3559	355 mm
27TNIRCL2511	25 mm
27TNIRCL3211	32 mm
27TNIRCL4011	40 mm
27TNIRCL5011	50 mm
27TNIRCL6311	63 mm
27TNIRCL7511	75 mm
27TNIRCL9011	90 mm

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Model Number	Description
27TNIRCL11011	110 mm
27TNIRCL12511	125 mm
27TNIRCL16011	160 mm
27TNIRCL20011	200 mm
27TNIRCL25011	250 mm
27TNIRCL31511	315 mm
27TNIRCL35511	355 mm
27TNIRCL40011	400 mm
27TNIRCL45011	450 mm
27TNIRCL50011	500 mm
27TNIRCL6317	63 mm
27TNIRCL7517	75 mm
27TNIRCL9017	90 mm
27TNIRCL11017	110 mm
27TNIRCL12517	125 mm
27TNIRCL16017	160 mm
27TNIRCL20017	200 mm
27TNIRCL25017	250 mm
27TNIRCL31517	315 mm
27TNIRCL35517	355 mm
27TNIRCL40017	400 mm
27TNIRCL45017	450 mm
27TNIRCL50017	500 mm
27TNIRCL56017	560 mm
27TNIRCL63017	630 mm

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CERTIFICATE OF LISTING

Niron Clima with red stripes

Model Number	Description
27TNIRCLFM2574	25 mm
27TNIRCLFM3274	32 mm
27TNIRCLFM329	32 mm
27TNIRCLFM4074	40 mm
27TNIRCLFM4011	40 mm
27TNIRCLFM5074	50 mm
27TNIRCLFM5011	50 mm
27TNIRCLFM6374	63 mm
27TNIRCLFM6311	63 mm
27TNIRCLFM7574	75 mm
27TNIRCLFM7511	75 mm
27TNIRCLFM9074	90 mm
27TNIRCLFM9011	90 mm
27TNIRCLFM11074	110 mm
27TNIRCLFM11011	110 mm
27TNIRCLFM12574	125 mm
27TNIRCLFM12511	125 mm

Niron FG Red

Model Number	Description
27TNIRRF2073	20 mm
27TNIRRF2573	25 mm
27TNIRRF3273	32 mm
27TNIRRF4073	40 mm
27TNIRRF5073	50 mm

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Model Number	Description
27TNIRRF6373	63 mm
27TNIRRF7573	75 mm
27TNIRRF9073	90 mm
27TNIRRF11073	110 mm
27TNIRRF12573	125 mm
27TNIRRF16073	160 mm
27TNIRRF4011	40 mm
27TNIRRF5011	50 mm
27TNIRRF6311	63 mm
27TNIRRF7511	75 mm
27TNIRRF9011	90 mm
27TNIRRF11011	110 mm
27TNIRRF12511	125 mm
27TNIRRF16011	160 mm
27TNIRRF329	32 mm
27TNIRRF409	40 mm
27TNIRRF509	50 mm
27TNIRRF639	63 mm
27TNIRRF759	75 mm
27TNIRRF909	90 mm
27TNIRRF1109	110 mm
27TNIRRF1259	125 mm
27TNIRRF1609	160 mm

FITTINGS:

45 Elbow - Long Spigot SDR 7.3

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Model Number	Description
27NC457363MM	2"
27NC457375MM	2 1/2"
27NC457390MM	3"
27NC4573110MM	3 1/2"
27NC4573125MM	4"
27NC4573160MM	6"

45 Elbow - Long Spigot SDR 11

Model Number	Description
27NC4511315MMA	12"

45 Elbow - Long Spigot SDR 17

Model Number	Description
27NC4517315MMA	12"

45 Elbow - Long Spigot (Injected Alongated) SDR 11

Model Number	Description
27NC4511355MMC	14"
27NC4511400MMC	16"
27NC4511450MMC	18"

45 Elbow - Long Spigot (Injected Alongated) SDR 17

Model Number	Description
27NC4517355MMC	14"
27NC4517400MMC	16"
27NC4517450MMC	18"

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

45 Elbow - Long Spigot (Segmented Fitting) SDR 7.3

Model Number	Description
27NC4573200MMB	8"
27NC4573250MMB	10"
27NC4573315MMB	12"
27NC4573355MMB	14"

45 Elbow - Long Spigot (Segmented Fitting) SDR 11

Model Number	Description
27NC4511315MMB	12"
27NC4511355MMB	14"
27NC4511400MMB	16"
27NC4511450MMB	18"
27NC4511500MMB	20"

45 Elbow - Long Spigot (Segmented Fitting) SDR 17

Model Number	Description
27NC4517315MMB	12"
27NC4517355MMB	14"
27NC4517400MMB	16"
27NC4517450MMB	18"
27NC4517500MMB	20"
27NC4517560MMB	22"
27NC4517630MMB	24"

90 Elbow - Long Spigot SDR 7.3

Model Number	Description
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IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Model Number	Description
27NG907363MM	2"
27NG907375MM	2 1/2"
27NG907390MM	3"
27NG9073110MM	3 1/2"
27NG9073125MM	4"
27NG9073160MM	6"

90 Elbow - Long Spigot SDR 11

Model Number	Description
27NG9011315MMA	12"

90 Elbow - Long Spigot SDR 17

Model Number	Description
27NG9017315MMA	12"

90 Elbow - Long Spigot (Injected Alongated) SDR 11

Model Number	Description
27NG9011355MMC	14"
27NG9011400MMC	16"
27NG9011450MMC	18"

90 Elbow - Long Spigot (Injected Alongated) SDR 17

Model Number	Description
27NG9017355MMC	14"
27NG9017400MMC	16"
27NG9017450MMC	18"

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

90 Elbow - Long Spigot (Segmented Fitting) SDR 7.3

Model Number	Description
27NG9073200MMB	8"
27NG9073250MMB	10"
27NG9073315MMB	12"
27NG9073355MMB	14"

90 Elbow - Long Spigot (Segmented Fitting) SDR 11

Model Number	Description
27NG9011315MMB	12"
27NG9011355MMB	14"
27NG9011400MMB	16"
27NG9011450MMB	18"
27NG9011500MMB	20"

90 Elbow - Long Spigot (Segmented Fitting) SDR 17

Model Number	Description
27NG9017315MMA	12"
27NG9017315MMB	12"
27NG9017355MMB	14"
27NG9017400MMB	16"
27NG9017450MMB	18"
27NG9017500MMB	20"
27NG9017560MMB	22"
27NG9017630MMB	24"

Butt Weld - Socket Fusion Tee SDR 7.3

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Model Number	Description
27NT7463MM	2"
27NT7490MM	3"
27NT74110MM	3 1/2"
27NT74125MM	4"
27NT74160MM	6"

Butt Weld 45° Elbow - Long Spigot SDR 7.3

Model Number	Description
27NC457463MM	2"
27NC457490MM	3"
27NC4574110MM	3 1/2"
27NC4574125MM	4"
27NC4574160MM	6"

Compact Cross Over F/F - Socket

Model Number	Description
27NSOFF20	1/2"
27NSOFF25	3/4"

Compact Cross Over M/F - Socket

Model Number	Description
27NSOFM20	1/2"
27NSOFM25	3/4"

Compact Cross Over M/F - Socket

Model Number	Description
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IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Model Number	Description
27NSOFM20	1/2"

27NSOFM25	3/4"
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Crossover Pipe - Plain End

Model Number	Description
27NSOR20	1/2"
27NSOR25	3/4"
27NSOR32	1"

Electrofusion 45° Elbow

Model Number	Description
27NCEM32	1"
27NCEM40	1 1/4"

Electrofusion 90° Elbow

Model Number	Description
27NGEM20	1/2"
27NGEM25	3/4"
27NGEM32	1"
27NGEM4073	1 1/4"

Butt Weld 45 Elbow - Long Spigot SDR 11

Model Number	Description
27NC451163MM	2"
27NC451190MM	3"
27NC4511110MM	3 1/2"

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Model Number	Description
27NC4511125MM	4"
27NC4511160MM	6"
27NC4511200MM	8"
27NC4511250MM	10"
27NC4511315MM	12"

Butt Weld 45 Elbow - Long Spigot SDR 17

Model Number	Description
27NC451763MM	2"
27NC451790MM	3"
27NC4517110MM	3 1/2"
27NC4517125MM	4"
27NC4517160MM	6"
27NC4517200MM	8"
27NC4517250MM	10"
27NC4517315MM	12"

Butt Weld 90 Elbow - Long Spigot SDR 11

Model Number	Description
27NG901163MM	2"
27NG901190MM	3"
27NG9011110MM	3 1/2"
27NG9011125MM	4"
27NG9011160MM	6"
27NG9011200MM	8"
27NG9011250MM	10"

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Model Number	Description
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27NG9011315MM	12"
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Butt Weld 90 Elbow - Long Spigot SDR 17

Model Number	Description
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27NG901763MM	2"
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27NG901790MM	3"
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27NG9017110MM	3 1/2"
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27NG9017125MM	4"
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27NG9017160MM	6"
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27NG9017200MM	8"
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27NG9017250MM	10"
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27NG9017315MM	12"
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Butt Weld Tee - Long Spigot SDR 11

Model Number	Description
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27NT1163MM	2"
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27NT1190MM	3"
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27NT11110MM	3 1/2"
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27NT11125MM	4"
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27NT11160MM	6"
-------------	----

27NT11200MM	8"
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27NT11250MM	10"
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Butt Weld Tee - Long Spigot SDR 17

Model Number	Description
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27NT1763MM	2"
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IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Model Number	Description
27NT1790MM	3"
27NT17110MM	3 1/2"
27NT17125MM	4"
27NT17160MM	6"
27NT17200MM	8"
27NT17250MM	10"

Electrofusion 45 Elbow

Model Number	Description
27NCEM50	1 1/2"
27NCEM63	2"
27NCEM75	2 1/2"
27NCEM90	3"
27NCEM110	3 1/2"

Electrofusion 90 Elbow

Model Number	Description
27NGEM50	1 1/2"
27NGEM63	2"
27NGEM75	2 1/2"
27NGEM90	3"
27NGEM110	3 1/2"

Electrofusion Coupling

Model Number	Description
27NME2073	1/2"

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Model Number	Description
27NME2573	3/4"
27NME3273	1"
27NME4073	1 1/4"
27NME5073	1 1/2"
27NME6373	2"
27NME7573	2 1/2"
27NME9011	3"
27NME11011	3 1/2"
27NME12511	4"
27NME16011	6"
27NME20011	8"
27NME25011	10"
27NME31511	12"

Electrofusion Reducer

Model Number	Description
27NRDE3225	1/2" x 3/4"
27NRDE4032	1 1/4" x 1"
27NRDE5032	1 1/2" x 1"
27NRDE5040	1 1/2" x 1 1/4"
27NRDE6332	2" x 1"
27NRDE6340	2" x 1 1/4"
27NRDE6350	2" x 1 1/2"
27NRDE7563	2 1/2" x 2"
27NRDE9063	3" x 2"
27NRDE1163	3 1/2" x 2"

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Model Number	Description
27NRDE1190	3 1/2" x 3"

Electrofusion Tee

Model Number	Description
27NTCE50	1 1/2"
27NTCE63	2"
27NTCE75	2 1/2"
27NTCE20	1/2"
27NTCE25	3/4"
27NTCE32	1"
27NTCE40	1 1/4"
27NTCE90	3"
27NTCE110	3 1/2"
27NTCE160	6"

End Cap - Long Spigot SDR 7.3

Model Number	Description
27NCC16074M	6"
27NCC20074M	8"

End Cap - Short Spigot SDR 7.3

Model Number	Description
27NCC25074MS	10"
27NCC31574MS	12"
27NCC35574MS	14"
27NCC40074MS	16"

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Model Number	Description
27NCC45074MS	18"

End Cap - Long Spigot SDR 11

Model Number	Description
27NCC16011M	6"
27NCC20011M	8"

End Cap - Long Spigot SDR 17

Model Number	Description
27NCC16017M	6"
27NCC20017M	8"

End Cap - Short Spigot SDR 11

Model Number	Description
27NCC25017MS	10"
27NCC31517MS	12"
27NCC35517MS	14"
27NCC40017MS	16"
27NCC45017MS	18"

End Cap - Short Spigot SDR 11

Model Number	Description
27NCC25011MS	10"
27NCC31511MS	12"
27NCC35511MS	14"
27NCC40011MS	16"

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Model Number	Description
27NCC45011MS	18"

End Cap - Short Spigot SDR 17

Model Number	Description
27NCC25011MS	10"
27NCC31511MS	12"
27NCC35511MS	14"
27NCC40011MS	16"
27NCC45011MS	18"

Female Side Fusion Welding Saddle

Model Number	Description
27NGSF124050NPT	1-1/2" x 1/2" NPT
27NGSF344050NPT	1-1/2" x 3/4" NPT
27NGSF126375NPT	2" x 1/2" NPT
27NGSF6334NPT	2" x 3/4" NPT
27NGSF631NPT	2-1/4" x 1" NPT
27NGSF126375NPT	2-1/2" x 1/2" NPT
27NGSF016375NPT	2-1/2" x 1" NPT
27NGSF346375NPT	2-1/2" x 3/4" NPT
27NGSF9012NPT	3" x 1/2" NPT
27NGSF901NPT	3" x 1" NPT
27NGSF9034NPT	3" x 3/4" NPT
27NGSF1290110125NPT	3-1/2" x 1/2" NPT
27NGSF3490110125NPT	3-1/2" x 3/4" NPT
27NGSF0190110125NPT	3-1/2" x 1" NPT

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Female Thread 90° Elbow NPT & Brass Socket

Model Number	Description
27NGOF2012NPT	1/2" x 1/2" NPT
27NGOF2512NPT	3/4" x 1/2" NPT

Female Threaded Adapter w/NPT Lead Free Brass

Model Number	Description
27NRFF2012NPT	1/2" x 1/2" NPT
27NRFF2034NPT	1/2" x 3/4" NPT
27NRFF2512NPT	3/4" x 1/2" NPT
27NRFF2534NPT	3/4" x 3/4" NPT
27NRFF3234NPT	1" x 3/4" NPT
27NRFF321NPT	1" x 1" NPT
27NRFF401NPT	1-1/4" x 1" NPT
27NRFF40114NPT	1-1/4" x 1-1/4" NPT

Female Threaded Street 90° Elbow

Model Number	Description
27NGMFF2012NPT	1/2" x 1/2" NPT

Female Threaded Tee w/NPT Lead Free Brass

Model Number	Description
27NTF2012NPT	1/2" x 1/2" NPT
27NTF2512NPT	3/4" x 1/2" NPT
27NTF2534NPT	3/4" x 3/4" NPT
27NTF3212NPT	1" x 1/2" NPT
27NTF3234NPT	1" x 3/4" NPT

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Model Number	Description
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27NTF321NPT

1" x 1" NPT

Female Threaded Winged 90°

Model Number	Description
--------------	-------------

27NGTF2038NPT

1/2" x 3/8" NPT

27NGTF2012NPT

1/2" x 1/2" NPT

Male Side Fusion Welding Saddle

Model Number	Description
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27NGS63M200

2" x 8"

27NGS63M250

2" x 10"

27NGS63M315

2" x 12"

27NGS90M160

3" x 6"

27NGS90M200

3" x 8"

27NGS90M250

3" x 10"

27NGS90M315

3" x 12"

27NGS125M160

4" x 6"

27NGS125M200

4" x 8"

27NGS125M250

4" x 10"

27NGS125M315

4" x 12"

27NGS160M200

6" x 8"

27NGS160M250

6" x 10"

27NGS160M315

6" x 12"

Male Thread 90 Elbow Template NPT Brass Socket

Model Number	Description
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IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Model Number	Description
27NGOM2012NPT	1/2" x 1/2" NPT

Male Threaded Adapter w/NPT Lead Free Brass

Model Number	Description
27NRFM2012NPT	1/2" x 1/2" NPT
27NRFM2034NPT	1/2" x 3/4" NPT
27NRFM2512NPT	3/4" x 1/2" NPT
27NRFM2534NPT	3/4" x 3/4" NPT
27NRFM3234NPT	1" x 3/4" NPT
27NRFM321NPT	1" x 1" NPT
27NRFM401NPT	1 1/4" x 1" NPT
27NRFM40114NPT	1 1/4" x 1 1/4" NPT

Male Threaded Tee w/NPT Lead Free Brass

Model Number	Description
27NTM2012NPT	1/2" x 1/2" NPT
27NTM2512NPT	3/4" x 1/2" NPT
27NTM2534NPT	3/4" x 3/4" NPT
27NTM3212NPT	3/4" x 1/2" NPT
27NTM3234NPT	1" x 3/4" NPT
27NTM321NPT	1" x 1" NPT

Mounting Unit with Elbow - Socket Fusion

Model Number	Description
27NGVRF2012NPT	1/2" x 1/2" NPT

Segmented - Socket Fusion Tee SDR 7.3

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Model Number	Description
27NT74200MM	8"
27NT74250MM	10"
27NT74315MM	12"
27NT74355MM	14"

Segmented 45° Elbow - Long Spigot SDR 7.3

Model Number	Description
27NC4574200MM	8"
27NC4574250MM	10"
27NC4574315MM	12"
27NC4574355MM	14"

Segmented 90° Elbow - Long Spigot SDR 7.3

Model Number	Description
27NG9074200MM	8"
27NG9074250MM	10"
27NG9074315MM	12"
27NG9074355MM	14"

Socket Female Threaded 90° Elbow

Model Number	Description
27NGF2012NPT	1/2" x 1/2" NPT
27NGF2512NPT	3/4" x 1/2" NPT
27NGF2534NPT	3/4" x 3/4" NPT
27NGF3212NPT	1" x 1/2" NPT
27NGF3234NPT	1" x 3/4" NPT

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Model Number	Description
27NGF321NPT	1" x 1" NPT
27NGF401NPT	1 1/4" x 1" NPT

Socket Female Threaded Back Plate 90°

Model Number	Description
27NTER2012NPT	1/2" x 1/2" NPT

Socket Fusion 45° Elbow

Model Number	Description
27NC4520	1/2"
27NC4525	3/4"
27NC4532	1"

Socket Fusion 90° Elbow

Model Number	Description
27NG20	1/2"
27NG25	3/4"
27NG32	1"
27NG40	1 1/4"

Socket Fusion 90° Elbow

Model Number	Description
27NMAN20	1/2"
27NMAN25	3/4"
27NMAN32	1"
27NMAN40	1 1/4"

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CERTIFICATE OF LISTING

Socket Fusion Coupling

Model Number	Description
27NCC20	1/2"
27NCC25	3/4"
27NCC32	1"
27NCC40	1 1/4"

Socket Fusion Male Threaded Winged 90°

Model Number	Description
27NGTM2038NPT	1/2" x 3/8" NPT
27NGTM2012NPT	1/2" x 1/2" NPT

Socket Fusion Reduced Bushing

Model Number	Description
27NR2520	3/4" x 1/2"
27NR3220	1" x 1/2"
27NR3225	1" x 3/4"
27NR4020	1 1/4" x 1/2"
27NR4025	1 1/4" x 3/4"
27NR4032	1 1/4" x 1"

Socket Fusion Reduced Cross

Model Number	Description
27NCR402020	1 1/4" x 1/2"x 1/2" x 1 1/4"
27NCR402525	1 1/4" x 3/4" x 3/4"x 1 1/4"

Socket Fusion Reduced Tee

Model Number	Description
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IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Model Number	Description
27NTR252020	3/4" x 1/2" x 1/2"
27NTR252025	3/4" x 1/2" x 3/4"
27NTR252520	3/4" x 3/4" x 1/2"
27NTR253225	3/4" x 1" x 3/4"
27NTR323225	1" x 1" x 3/4"
27NTR322020	1" x 1/2" x 1/2"
27NTR322025	1" x 1/2" x 3/4"
27NTR322525	1" x 3/4" x 3/4"
27NTR322032	1" x 1/2" x 1"
27NTR322532	1" x 3/4" x 1"
27NTR402040	1 1/4" x 1/2" x 1 1/4"
27NTR402540	1 1/4" x 3/4" x 1 1/4"
27NTR403240	1 1/4" x 1" x 1 1/4"

Socket Fusion Street 45° Elbow

Model Number	Description
27NCMF4520	1/2"
27NCMF4525	3/4"

Socket Fusion Street 90° Elbow

Model Number	Description
27NGMF20	1/2"
27NGMF25	3/4"
27NGMF32	1"
27NGMF40	1 1/4"

Socket Fusion Tee

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Model Number	Description
27NT20	1/2"
27NT25	3/4"
27NT32	1"
27NT40	1 1/4"

Socket Long Radius 90° Elbow

Model Number	Description
27NCLR20	1/2"
27NCLR25	3/4"

Socket Male Threaded 90° Elbow

Model Number	Description
27NGM2012NPT	1/2" x 1/2" NPT
27NGM2512NPT	3/4" x 1/2" NPT
27NGM2534NPT	3/4" x 3/4" NPT
27NGM3212NPT	1" x 1/2" NPT
27NGM3234NPT	1" X 3/4" NPT
27NGM321NPT	1" X 1" NPT

Street 45° Elbow - Socket Fusion

Model Number	Description
27NC45MF20	1/2"
27NC45MF25	3/4"
27NC45MF32	1"

Stub Flange - Long Spigot SDR11

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Model Number	Description
27NCRT3211	1"
27NCRT4011	1 1/4"

Female Threaded Adapter w/NPT Lead Free Brass

Model Number	Description
27NRFF50114NPT	1-1/2" x 1-1/4" NPT
27NRFF50112NPT	1-1/2" x 1-1/2" NPT
27NRFF63112NPT	2" x 1-1/2" NPT
27NRFF632NPT	2" x 2" NPT
27NRFF752NPT	2-1/2" x 2" NPT
27NRFF75212NPT	2-1/2" x 2-1/2" NPT
27NRFF903NPT	3" x 3" NPT
27NRFF1104NPT	3-1/2" x 4" NPT
27NRFF1254NPT	4" x 4" NPT

Fusion Female Side Fusion Reduced Tee-Long Spigot

Model Number	Description
27NTR119040F90	3" x 1 1/4" x 3"
27NTR119050F90	3" x 1 1/2" x 3"
27NTR119063F90	3" x 2" x 3"
27NTR1111040F110	3 1/2" x 1 1/4" x 3 1/2"
27NTR1111050F110	3 1/2" x 1 1/2" x 3 1/2"
27NTR1111063F110	3 1/2" x 2" x 3 1/2"
27NTR1112540F125	4" x 1 1/4" x 4"
27NTR1112550F125	4" x 1 1/2" x 4"
27NTR1112563F125	4" x 2" x 4"

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CERTIFICATE OF LISTING

Model Number	Description
27NTR1112575F125	4" x 2 1/2" x 4"
27NTR1112590F125	4" x 3" x 4"
27NTR1116040F160	6" x 1 1/4" x 6"
27NTR1116050F160	6" x 1 1/2" x 6"
27NTR1116063F160	6" x 2" x 6"
27NTR1116075F160	6" x 2 1/2" x 6"
27NTR1116090F160	6" x 3" x 6"
27NTR1120040F200	8" x 1 1/4" x 8"
27NTR1120050F200	8" x 1 1/2" x 8"
27NTR1120063F200	8" x 2" x 8"
27NTR1120075F200	8" x 2 1/2" x 8"
27NTR1120090F200	8" x 3" x 8"
27NTR1125040F250	10" x 1 1/4" x 10"
27NTR1125050F250	10" x 1 1/2" x 10"
27NTR1125063F250	10" x 2" x 10"
27NTR1125075F250	10" x 2 1/2" x 10"
27NTR1125090F250	10" x 3" x 10"
27NTR1131540F315	12" x 1 1/4" x 12"
27NTR1131550F315	12" x 1 1/2" x 12"
27NTR1131563F315	12" x 2" x 12"
27NTR1131575F315	12" x 2 1/2" x 12"
27NTR1131590F315	12" x 3" x 12"
27NTR1135540F355	14" x 1 1/4" x 14"
27NTR1135550F355	14" x 1 1/2" x 14"
27NTR1135563F355	14" x 2" x 14"
27NTR1135575F355	14" x 2 1/2" x 14"

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Model Number	Description
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27NTR1135590F355	14" x 3 1/2" x 14"
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Fusion Male Side Fusion Reduced Tee - Long Spigot

Model Number	Description
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27NTR11160110M160	6" x 3 1/2" x 6"
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27NTR11160125M160	6" x 4" x 6"
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27NTR11200110M200	8" x 3 1/2" x 8"
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27NTR11200125M200	8" x 4" x 8"
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27NTR11200160M200	8" x 6" x 8"
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27NTR11250110M250	10" x 3 1/2" x 10"
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27NTR11250125M250	10" x 4" x 10"
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27NTR11250160M250	10" x 6" x 10"
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27NTR11315110M315	12" x 3 1/2" x 12"
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27NTR11315125M315	12" x 4" x 12"
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27NTR11315160M315	12" x 6" x 12"
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27NTR11355110M355	14" x 3 1/2" x 14"
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27NTR11355125M355	14" x 4" x 14"
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27NTR11355160M355	14" x 6" x 14"
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Male Concentric Reducer - Long Spigot

Model Number	Description
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27NR754011MM	2 1/2" x 1 1/4"
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27NR755011MM	2 1/2" x 1 1/2"
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27NR756311MM	2 1/2" x 2"
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27NR905011MM	3" x 1 1/2"
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27NR906311MM	3" x 2"
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IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Model Number	Description
27NR907511MM	3" x 2 1/2"
27NR1106311MM	3 1/2" x 2"
27NR1107511MM	3 1/2" x 2 1/2"
27NR1109011MM	3 1/2" x 3"
27NR12511011MM	4" x 3 1/2"
27NR1257511MM	4" x 2 1/2"
27NR1259011MM	4" x 3"
27NR16011011MM	6" x 3 1/2"
27NR16012511MM	6" x 4"
27NR20016011MM	8" x 6"

Male Threaded Adapter w/NPT Lead Free Brass

Model Number	Description
27NRFM50114NPT	1-1/2" x 1-1/4" NPT
27NRFM50112NPT	1-1/2" x 1-1/2" NPT
27NRFM63112NPT	2" x 1-1/2" NPT
27NRFM632NPT	2" x 2" NPT
27NRFM752NPT	2-1/2" x 2" NPT
27NRFM75212NPT	2-1/2" x 2-1/2" NPT
27NRFM903NPT	3" x 3" NPT
27NRFM1104NPT	3-1/2" x 4" NPT
27NRFM1254NPT	4" x 4" NPT

Segmented 45° Elbow - Long Spigot SDR 11

Model Number	Description
27NC4511355MM	14"

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Model Number	Description
27NC4511400MM	16"
27NC4511450MM	18"
27NC4511500MM	20"

Segmented 45° Elbow - Long Spigot SDR 17

Model Number	Description
27NC4517355MM	14"
27NC4517400MM	16"
27NC4517450MM	18"
27NC4517500MM	20"
27NC4517560MM	22"
27NC4517630MM	24"

Segmented 90° Elbow - Long Spigot SDR 11

Model Number	Description
27NG9011355MM	14"
27NG9011400MM	16"
27NG9011450MM	18"
27NG9011500MM	20"

Segmented 90° Elbow - Long Spigot SDR 17

Model Number	Description
27NG9017355MM	14"
27NG9017400MM	16"
27NG9017450MM	18"
27NG9017500MM	20"

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Model Number	Description
27NG9017560MM	22"
27NG9017630MM	24"

Segmented Tee - Long Spigot SDR 11

Model Number	Description
27NT11315MM	12"
27NT11355MM	14"
27NT11400MM	16"
27NT11450MM	18"
27NT11500MM	20"

Segmented Tee - Long Spigot SDR 17

Model Number	Description
27NT17315MM	12"
27NT17355MM	14"
27NT17400MM	16"
27NT17450MM	18"
27NT17500MM	20"
27NT17560MM	22"
27NT17630MM	24"

Socket Female Threaded 90° Elbow

Model Number	Description
27NGF50114NPT	1-1/2" x 1-1/4" NPT
27NGF50112NPT	1-1/2" x 1-1/2" NPT
27NGF63112NPT	2" x 1" NPT

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Model Number	Description
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27NGF632NPT

2" x 2" NPT

Socket Fusion 45° Elbow

Model Number	Description
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27NC4550

1 1/2"

27NC4563

2"

27NC4575

2 1/2"

27NC4590

3"

27NC45110

3 1/2"

27NC45125

4"

Socket Fusion 90° Elbow

Model Number	Description
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27NG50

1 1/2"

27NG63

2"

27NG75

2 1/2"

27NG90

3"

27NG110

3 1/2"

27NG125

4"

Socket Fusion Coupling

Model Number	Description
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27NMAN50

1 1/2"

27NMAN63

2"

27NMAN75

2 1/2"

27NMAN90

3"

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Model Number	Description
27NMAN110	3 1/2"

27NMAN125

4"

Socket Fusion End Cap

Model Number	Description
27NCC50	1 1/2"

27NCC63

2"

27NCC75

2 1/2"

27NCC90

3"

27NCC110

3 1/2"

27NCC125

4"

Socket Fusion Reduced Bushing

Model Number	Description
27NR5020	1 1/2" x 1/2"

27NR5025

1 1/2" x 3/4"

27NR5032

1 1/2" x 1"

27NR5040

1 1/2" x 1"

27NR6325

2" x 3/4"

27NR6332

2" x 1"

27NR6340

2" x 1 1/4"

27NR6350

2" x 1 1/2"

27NR7520

2 1/2" x 1/2"

27NR7525

2 1/2" x 3/4"

27NR7532

2 1/2" x 1"

27NR7540

2 1/2" x 1 1/4"

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Model Number	Description
27NR7550	2 1/2" x 1 1/2"
27NR7563	2 1/2" x 2"
27NR9063	3" x 2"
27NR9075	3" x 2 1/2"
27NR11063	3 1/2" x 2"
27NR11075	3 1/2" x 2 1/2"
27NR11090	3 1/2" x 3"
27NR12590	4" x 3"
27NR125110	4" x 3 1/2"
27NR160110	6" x 3 1/2"
27NR160125	6" x 4"

Socket Fusion Reduced Tee

Model Number	Description
27NTR502050	1 1/2" x 1/2" x 1 1/2"
27NTR502550	1 1/2" x 3/4" x 1 1/2"
27NTR503250	1 1/2" x 1" x 1 1/2"
27NTR504050	1 1/2" x 1 1/4" x 1 1/2"
27NTR632563	2" x 3/4" x 2"
27NTR633263	2" x 1" x 2"
27NTR634063	2" x 1 1/4" x 2"
27NTR635063	2" x 1 1/2" x 2"
27NTR753275	2 1/2" x 1" x 2 1/2"
27NTR754075	2 1/2" x 1 1/4" x 2 1/2"
27NTR755075	2 1/2" x 1 1/2" x 2 1/2"
27NTR756375	2 1/2" x 2" x 2 1/2"

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CERTIFICATE OF LISTING

Model Number	Description
27NTR906390	3" x 2" x 3"
27NTR907590	3" x 2 1/2" x 3"
27NTR11063110	3 1/2" x 2" x 3 1/2"
27NTR11075110	3 1/2" x 2 1/2" x 3 1/2"
27NTR11090110	3 1/2" x 3" x 3 1/2"
27NTR12575125	4" x 2 1/2" x 4"
27NTR12590125	4" x 3" x 4"
27NTR125110125	4" x 3 1/2" x 4"

Socket Fusion Side Elbow Three Outlets

Model Number	Description
27NCTV20	1/2"

Socket Fusion Tee

Model Number	Description
27NT50	1 1/2"
27NT63	2"
27NT75	2 1/2"
27NT90	3"
27NT110	3 1/2"
27NT125	4"

Stub Flange - Long Spigot

Model Number	Description
27NCRT5011	1 1/2"
27NCRT6311	2"

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Model Number	Description
27NCRT7511	2 1/2"
27NCRT9011	3"
27NCRT11011	3 1/2"
27NCRT12511	4"
27NCRT16011	6"
27NCRT20011	8"
27NCRT25011	10"

Stub Flange - Short Spigot

Model Number	Description
27NCRT31511S	12"
27NCRT35511S	14"
27NCRT40011S	16"
27NCRT45011S	18"
27NCRT50011S	20"

Tee - Long Spigot SDR 7.3

Model Number	Description
27NT7363MM	2"
27NT7375MM	2 1/2"
27NT7390MM	3"
27NT73110MM	3 1/2"
27NT73125MM	4"
27NT73160MM	6"

Tee - Long Spigot SDR 11

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Model Number	Description
27NT11315MMA	12"

Tee - Long Spigot SDR 17

Model Number	Description
27NT17315MMA	12"

Tee - Long Spigot (Injected Alongated) SDR 11

Model Number	Description
27NT11355MMC	14"
27NT11400MMC	16"
27NT11450MMC	18"

Tee - Long Spigot (Injected Alongated) SDR 17

Model Number	Description
27NT17355MMC	14"
27NT17400MMC	16"
27NT17450MMC	18"

Tee - Long Spigot (Segmented Fitting) SDR 11

Model Number	Description
27NT11315MMB	12"
27NT11355MMB	14"
27NT11400MMB	16"
27NT11450MMB	18"
27NT11500MMB	20"

Tee - Long Spigot (Segmented Fitting) SDR 17

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Model Number	Description
27NT17315MMB	12"
27NT17355MMB	14"
27NT17400MMB	16"
27NT17450MMB	18"
27NT17500MMB	20"
27NT17560MMB	22"
27NT17630MMB	24"

Tee - Plain Long Spigot (Segmented Fitting) SDR 7.3

Model Number	Description
27NT73200MMB	8"
27NT73250MMB	10"
27NT73315MMB	12"
27NT73355MMB	14"

Template for External Bath Taps

Model Number	Dimension
27NGVF2012NPT	1/2" x 1/2"
27NGVF2512NPT	3/4" x 1/2"

Welding Saddles Socket Fusion Outlet

Model Number	Dimension
27NGS2050	1-1/2" x 1/2"
27NGS2550	1-1/2" x 3/4"
27NGS206375	2" x 1/2"
27NGS256375	2" x 3/4"

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CERTIFICATE OF LISTING

Model Number	Dimension
27NGS326375	2" x 1"
27NGS7520	2-1/2" x 1/2"
27NGS7525	2-1/2" x 3/4"
27NGS7532	2-1/2" x 1"
27NGS2090110125	3" x 1/2"
27NGS2590110125	3" x 3/4"
27NGS3290110125	3" x 1"
27NGS11020	3-1/2" x 1/2"
27NGS11025	3-1/2" x 3/4"
27NGS11032	3-1/2" x 1"
27NGS63125	4" x 2"
27NGS40160200	6" x 1-1/4"
27NGS63160	6" x 2"