

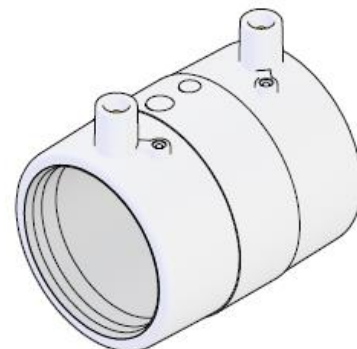
SUBMITTAL DATA SHEET

NI_CP_IN_0026.docx
Rev. -0 of 20/07/2023



NIRON COOLPRO ELECTROFUSION FITTINGS COUPLER

ITEM:	27NMEUV_
SIZE RANGE SDR 7.3:	1" (32 mm) ÷ 2½" (75 mm)
SIZE RANGE SDR 11:	3" (90 mm) ÷ 16" (400 mm)
SDR:	7.3, 11
FUSION RANGE:	For Electrofusion – SDR 7.3 and up
MATERIAL:	UV protected PP-RCT (beta crystallinerandom copolymer polypropylene)
COLOR:	Grey + White cover



INSTALLATION INSTRUCTIONS:

Electrofusion - Electrofusion in accordance with ASTM F1290 and Nupi America's Niron Installation Manual

PIN SIZE: Ø 0.16 in (4 mm)

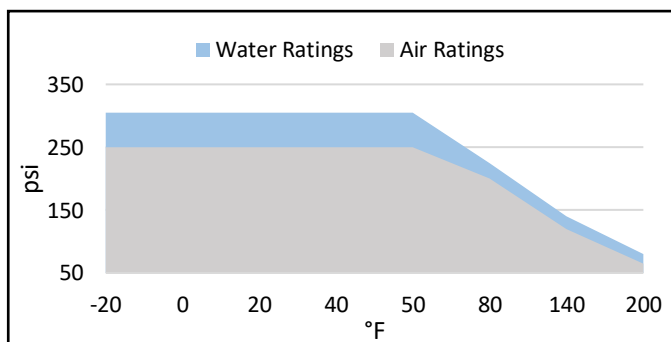
LISTINGS:

ANSI/NSF 14; IAPMO (UPC); ICC-ES (IPC)

STANDARDS:

ANSI/NSF 14; ANSI/NSF 61; ASTM F2389; ASTM F2023; CSA B137.11; ASTM E-84; CAN/ULC S102.2

MAXIMUM OPERATING PRESSURE (50 year):



For code or standard question pertaining to NIRON CLIMA Pipe and Fittings, contact Nupi Americas.

PRODUCT INFORMATION AND APPLICATION USE:

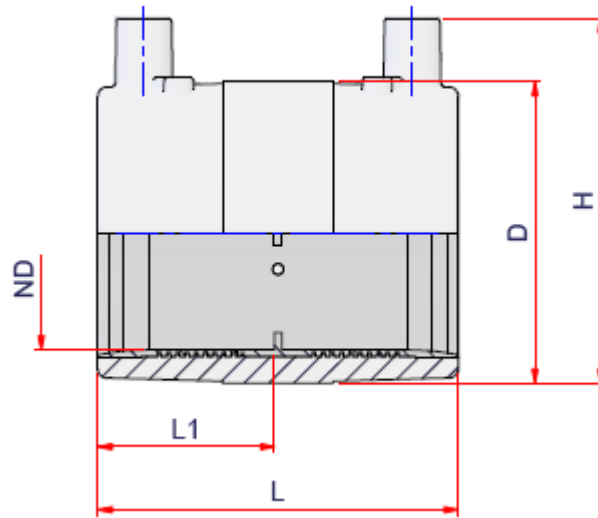
CoolPro Electrofusion Fittings are designed to be joined by means of heat element butt fusion in accordance with ASTM D2657, Procedure 2. Fittings are manufactured from a 30 year UV-resistant white PP-RCT material with extended plain ends on each outlet with a reinforced area in the center of the fitting for strength. The dimensions of the fittings are in accordance with the requirements of ASTM F2389. The fittings are designed to match the wall thickness and pressure ratings of the matching CoolPro pipe of the same SDR. Fittings are unitary and injection molded and are solid white in color.



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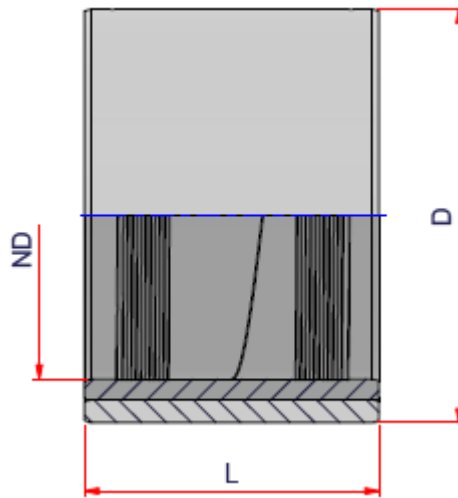
CODE	TYPE	SDR	Weight lbs/pc	Volume ft ³ /pc	ND	D	L1	L	H
27NMEUV3273	A	7.3	0.164	0.0073	1" => 32 mm	1.79	1.34	2.76	2.56
27NMEUV4073	A	7.3	0.264	0.0124	1 1/4" => 40 mm	2.17	1.61	3.35	2.95
27NMEUV5073	A	7.3	0.33	0.0185	1 1/2" => 50 mm	2.68	1.67	3.47	3.43
27NMEUV6373	A	7.3	0.484	0.0284	2" => 63 mm	3.23	1.67	3.86	3.94
27NMEUV7573	A	7.3	0.752	0.0493	2 1/2" => 75 mm	3.86	2.4	4.92	4.49
27NMEUV9011	A	11	1.111	0.0758	3" => 90 mm	4.45	2.84	5.75	5.12
27NMEUV11011	A	11	1.46	0.1071	3 1/2" => 110 mm	5.35	3.03	6.1	5.67
27NMEUV12511	A	11	2.2	0.1534	4" => 125 mm	6.16	3.23	6.54	6.58
27NMEUV16011	A	11	3.3	0.2365	6" => 160 mm	7.48	3.41	6.89	7.93
27NMEUV20011	A	11	4.777	0.3681	8" => 200 mm	9.13	3.6	7.28	9.57
27NMEUV25011	A	11	9.533	0.7975	10" => 250 mm	11.93	4.82	9.65	11.97



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CODE	TYPE	SDR	Weight lbs/pc	Volume ft ³ /pc	ND	D	L
27NMEUV31511	B	11	19.322	1.2969	12" => 315 mm	15	9.96
27NMEUV35511	B	11	45.467	2.2852	14" => 355 mm	17.71	12.59
27NMEUV40011	B	11	44.248	2.4247	16" => 400 mm	19.29	11.26

MANUFACTURER' S WARRANTY:

Thirty (30) Years from the date of sale upon successful completion of pressure test of the piping system (refer to published warranty for complete details).

NOTE:

* More information can be found on NIRON TECHNICAL CATALOGUE

*** In order for Niron pipe and fittings to meet E-84 and/or CAN/ULC S102.2 for installation in a plenum application, it must be covered with a minimum of 1" or greater E-84 fiberglass insulation

**** Tecnical Data may undergo dimensional changes, check revision at the top



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