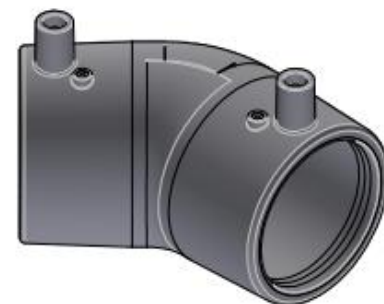


SUBMITTAL DATA SHEET

NI_G_IN_00134.docx
Rev. -2 of 07/03/2024



NIRON CLIMA ELECTROFUSION FITTING 45° ELBOW



ITEM:	27NCEM_
SIZE RANGE SDR 7.4:	1" (32 mm) ÷ 4" (125 mm)
SIZE RANGE SDR 11:	6" (40 mm) ÷ 10" (250 mm)
SDR:	7.4, 11
FUSION RANGE:	For Electrofusion: - 1" (32 mm) ÷ 4" (125 mm) – only SDR 7.4, 9 - 6 (160 mm) ÷ 10" (250 mm) – SDR 11 and up
SDR 7.4 WELDABLE ON PIPES:	7.4, 9, 11 & 17
SDR 11 WELDABLE ON PIPES:	11 & 17
MATERIAL:	PP-RCT (Borealis RA 7050 beta crystalline random copolymer PP)
COLOR:	Steel Grey

INSTALLATION INSTRUCTIONS:

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

PIN SIZE: Ø 0.16 in (4 mm)

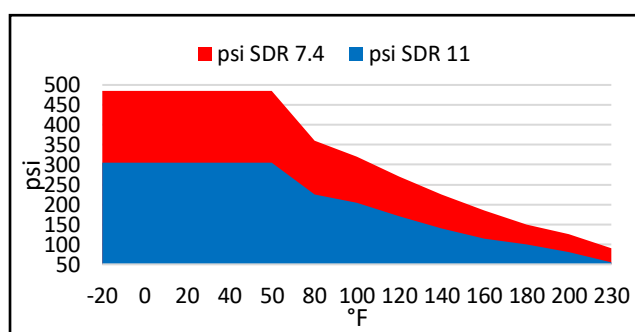
LISTINGS:

NSF PW; ANSI/NSF 14; ANSI/NSF 61; ANSI/NSF 51; UPC; IPC; IAPMO; ICC-ES

STANDARDS:

ANSI/NSF 14; ANSI/NSF 61; ASTM F2389; ASTM F2023; CSA B137,11; ASTM E-84***; CAN/ULC S102***; NSF 51; ISO 15874

MAXIMUM OPERATING PRESSURE:



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

PRODUCT INFORMATION AND APPLICATION USE:

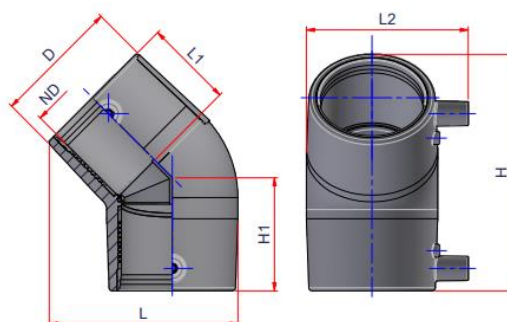
Niron Electrofusion Fittings are designed to be joined with electrofusion in accordance with the above listed installation instructions. Fittings are a dry fit type of fitting that have a wire coil embedded in the part which when electric current runs through the wire coil will create heat to fuse the fitting. Pressure rating of the part is temperature dependent and noted in the above pressure rating table. Fitting is injection molded, and of a solid grey color.



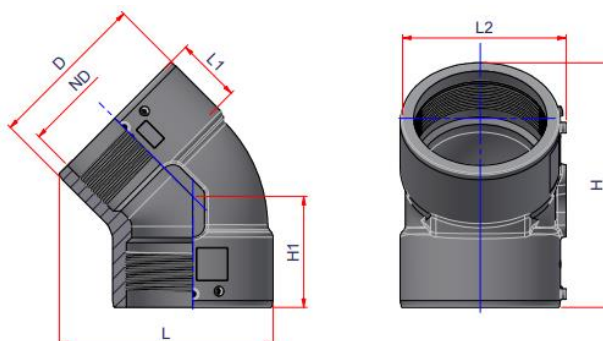
Nupi Americas, Inc.
314 Commerce Parkway
Early Branch, SC 29916
Phone: 813-398-3579
Fax: 813-398-3639
Mail: info@nupiamericas.com
Website: www.nupiamericas.com

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CODE	SDR	TYPE	Weight lbs/pc	Volume ft ³ /pc	ND	D	L1	L2	L	H1	H
27NCEM32	7.4	A	0.194	0.015	1" => 32 mm	1.77	1.42	2.52	2.78	1.83	3.7
27NCEM40	7.4	A	0.306	0.0248	1 1/4" => 40 mm	2.2	1.65	2.95	3.36	2.13	4.33
27NCEM50	7.4	A	0.371	0.0377	1 1/2" => 50 mm	2.56	1.89	3.31	3.89	2.46	5.06
27NCEM63	7.4	A	0.79	0.0626	2" => 63 mm	3.23	2.13	3.98	4.68	2.76	5.81
27NCEM75	7.4	A	0.976	0.0928	2 1/2" => 75 mm	3.74	2.36	4.45	5.42	3.19	6.65
27NCEM90	7.4	A	1.984	0.1814	3" => 90 mm	4.69	2.76	5.71	6.72	3.88	8.17
27NCEM110	7.4	A	2.618	0.271	3 1/2" => 110 mm	5.39	3.17	6.36	7.76	4.51	9.49
27NCEM125	7.4	A	4.092	0.3566	4" => 125 mm	5.91	3.46	7.09	8.43	4.84	10.31



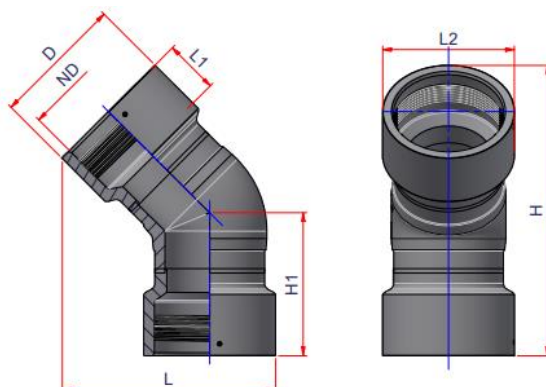
CODE	SDR	TYPE	Weight lbs/pc	Volume ft ³ /pc	ND	D	L1	L2	L	H1	H
27NCEM160	11	B	6.448	0.5759	6" => 160 mm	7.64	3.39	8.33	10.22	5.28	11.69
27NCEM200	11	B	11.895	1.0567	8" => 200 mm	9.57	3.9	9.86	12.78	6.57	14.49



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CODE	SDR	TYPE	Weight lbs/pc	Volume ft ³ /pc	ND	D	L1	L2	L	H1	H
27NCEM250	11	C	30.622	3.3663	10" => 250 mm	11.81	4.92	11.81	19.01	12.74	25.91

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

** 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

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



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