

SUBMITTAL DATA SHEET

NI_G_IN_00077.docx
Rev. -0 of 08/09/2023



NIRON CLIMA BUTT FUSION FITTING REDUCER LONG SPIGOT SDR 9



ITEM:	27NR_9MM
SIZE RANGE:	2" x 1¼" (63 mm x 40 mm) ÷ 14" x 12" (355 mm x 315 mm)
SDR:	9
FUSION RANGE:	For Butt Fusion – SDR9 For Electrofusion – SDR9 and up
MATERIAL:	PP-RCT (Borealis RA 7050 beta crystalline random copolymer PP)
COLOR:	Steel Grey

INSTALLATION INSTRUCTIONS:

Butt fusion - Butt fitting in accordance with DVS 2207, ASTM D2657 and NUPI Niron Installation Manual

Electrofusion - Electrofusion in accordance with ASTM D2657 and NUPI Niron Installation Manual

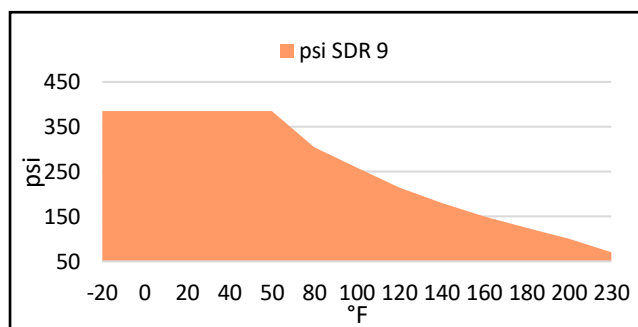
LISTINGS:

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:

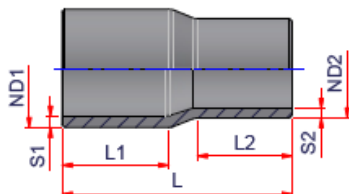
Niron Butt Fusion Fittings is designed to be joined by means of heat element butt fusion or electrofusion in accordance with the above listed installation instructions. Fittings are manufactured with extended plain ends on each outlet which a reinforced area in the center of the fitting for strength. 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 Niron pipe of the same SDR. Fittings are unitary and injection molded and are solid grey in color.



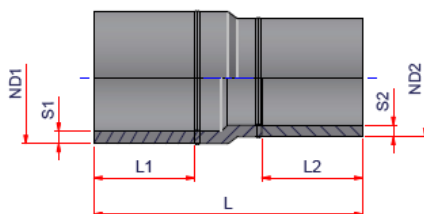
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CODE	Weight lbs/pc	Volume ft ³ /pc	ND1	ND2	S1	S2	L1	L2	L
27NR63409MM	0.248	0.0149	2" => 63 mm	1 1/4" => 40 mm	0.28	0.17	2.56	2.05	5.2
27NR63509MM	0.277	0.0149	2" => 63 mm	1 1/2" => 50 mm	0.28	0.22	2.56	2.2	5.2
27NR90639MM	0.598	0.0242	3" => 90 mm	2" => 63 mm	0.39	0.28	2.8	2.24	5.9
27NR90759MM	0.748	0.0278	3" => 90 mm	2 1/2" => 75 mm	0.39	0.33	3.15	2.8	6.77
27NR110639MM	0.696	0.0339	3 1/2" => 110 mm	2" => 63 mm	0.48	0.28	3.39	2.56	6.77
27NR110759MM	1.116	0.0365	3 1/2" => 110 mm	2 1/2" => 75 mm	0.48	0.33	3.46	2.28	7.28
27NR110909MM	1.21	0.0375	3 1/2" => 110 mm	3" => 90 mm	0.48	0.39	3.39	3.31	7.48
27NR125639MM	1.473	0.047	4" => 125 mm	2" => 63 mm	0.55	0.28	3.54	2.4	8.26



CODE	Weight lbs/pc	Volume ft ³ /pc	ND1	ND2	S1	S2	L1	L2	L
27NR160909MMB	5.209	0.1234	6" => 160 mm	3" => 90 mm	0.7	0.39	7.64	5.75	16.93
27NR1601109MMB	5.759	0.1275	6" => 160 mm	3 1/2" => 110 mm	0.7	0.48	7.64	6.3	17.49
27NR1601259MMB	6.388	0.1332	6" => 160 mm	4" => 125 mm	0.7	0.55	7.64	7.09	18.27
27NR2001259MMB	10.508	0.1912	8" => 200 mm	4" => 125 mm	0.87	0.55	10.24	7.09	20.98
27NR2001609MMB	11.982	0.1953	8" => 200 mm	6" => 160 mm	0.87	0.7	10.24	7.64	21.43
27NR2501609MMB	17.038	0.2507	10" => 250mm	6" => 160 mm	1.09	0.7	10.43	7.64	22.01
27NR2502009MMB	20.621	0.277	10" => 250 mm	8" => 200 mm	1.09	0.87	10.43	10.24	24.32
27NR3152009MMB	34.428	0.3842	12" => 315 mm	8" => 200 mm	1.38	0.87	12.59	10.24	26.77
27NR3152509MMB	37.706	0.387	12" => 315 mm	10" => 250 mm	1.38	1.09	12.59	10.43	26.96
27NR3552009MMB	42.229	0.4361	14" => 355 mm	8" => 200 mm	1.55	0.87	12.59	10.43	26.96
27NR3552509MMB	48.707	0.4361	14" => 355 mm	10" => 250 mm	1.56	1.09	12.59	10.43	26.96
27NR3553159MMB	52.186	0.4361	14" => 355 mm	12" => 315 mm	1.57	1.38	12.59	10.43	26.96

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

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



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