

NIRON CLIMA BUTT FUSION FITTING

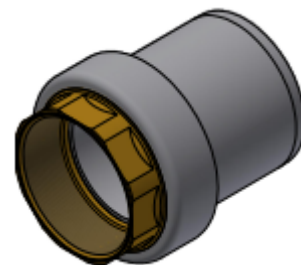
FEMALE THREADED ADAPTER LEAD FREE BRASS

ITEM 27NRFF11_9_73_NPT

SIZE RANGE SDR 7.4 $\frac{1}{2}$ " x $\frac{1}{2}$ " NPT (20 mm x $\frac{1}{2}$ " NPT) ÷ $\frac{3}{4}$ " x $\frac{3}{4}$ " NPT (25 mm x $\frac{3}{4}$ " NPT)

SIZE RANGE SDR 9 1" x $\frac{3}{4}$ " NPT (32 mm x $\frac{3}{4}$ " NPT) ÷ 1" x 1" NPT (32 mm x 1" NPT)

SIZE RANGE SDR 11 $1\frac{1}{4}$ " x 1" NPT (40 mm x 1" NPT) ÷ 4" x 4" NPT (125 mm x 4" NPT)



SDR 7.4, 9, 11

FUSION RANGE For Butt Fusion – SDR11; For Electrofusion – SDR 7.4, 9, 11 and up

MATERIAL Material shall be β -crystalline PP-RCT and solid grey in color having a cell classification of PP0220B56832 according to ASTM F4101 and shall be coextruded with a POWERCORE middle layer containing added fiberglass + Brass

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

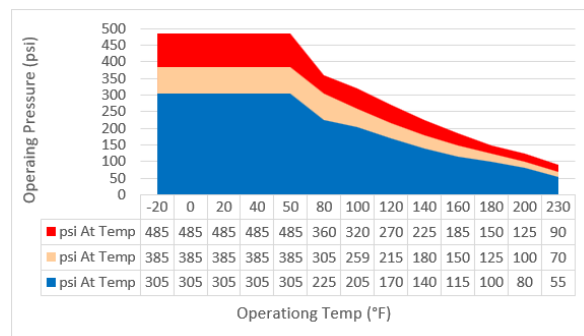
LISTINGS:

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.

MANUFACTURER'S WARRANTY

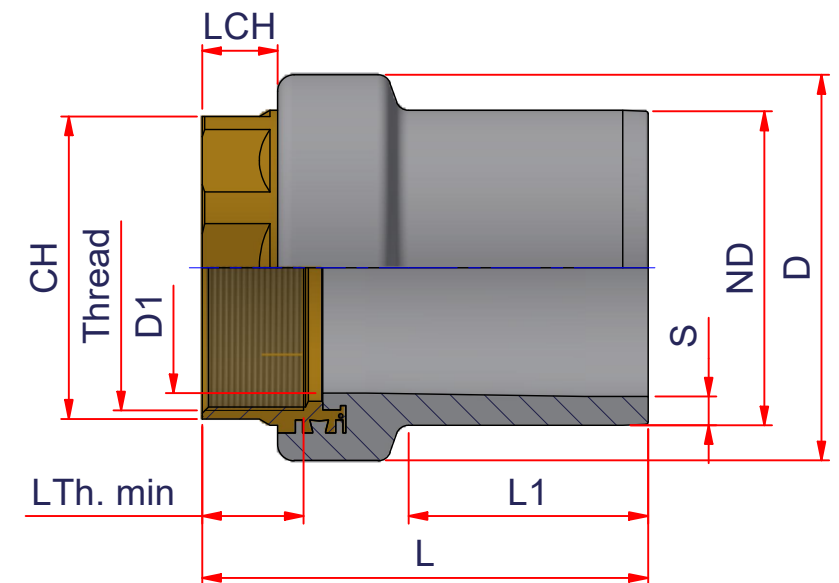
Thirty (30) Years from the date of sale upon successful completion of pressure test of the piping system (refer to published warranty for complete details).

NOTE:

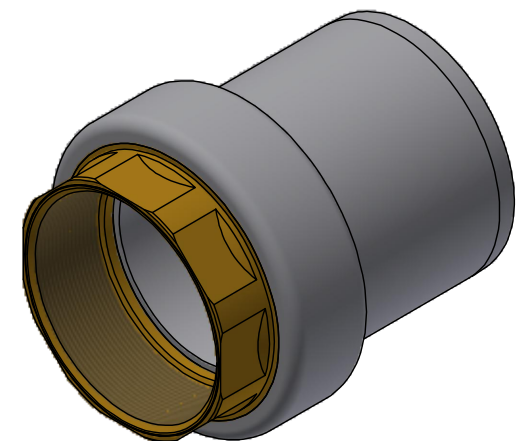
* More information can be found on NIRON TECHNICAL CATALOGUE.

** 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.



CODE	SDR	Weight lbs/pc	Volume ft ³ /pc	ND	S	Thread	LTh. min	D1	D	L1	L	CH	LCH
27NRFF732012NPT	7.4	0.229	0.0039	1/2" => 20 mm	0.12	1/2" NPT	0.53	0.51	1.42	1.73	3.31	0.98	0.43
27NRFF732534NPT	7.4	0.28	0.0051	3/4" => 25 mm	0.12	3/4" NPT	0.55	0.71	1.61	1.77	3.39	1.18	0.47
27NRFF93234NPT	9	0.318	0.0077	1" => 32 mm	0.12	3/4" NPT	0.55	1.02	1.97	1.89	3.45	1.18	0.47
27NRFF9321NPT	9	0.463	0.008	1" => 32 mm	0.12	1" NPT	0.66	0.94	1.97	1.89	3.58	1.5	0.51
27NRFF11401NPT	11	0.458	0.0084	1 1/4" => 40 mm	0.15	1" NPT	0.66	0.94	1.97	2.09	3.74	1.5	0.51
27NRFF1140114NPT	11	0.617	0.0145	1 1/4" => 40 mm	0.15	1 1/4" NPT	0.68	1.27	2.52	2.09	3.94	1.81	0.55
27NRFF1150112NPT	11	0.857	0.019	1 1/2" => 50 mm	0.18	1 1/2" NPT	0.68	1.5	2.75	2.4	4.33	2.16	0.59
27NRFF11502NPT	11	1.191	0.0287	1 1/2" => 50 mm	0.18	2" NPT	0.7	1.91	3.31	2.44	4.53	2.56	0.79
27NRFF1163112NPT	11	0.922	0.0209	2" => 63 mm	0.23	1 1/2" NPT	0.68	1.5	2.79	2.72	4.64	2.16	0.59
27NRFF11632NPT	11	1.527	0.0304	2" => 63 mm	0.228	2" NPT	0.7	1.93	3.31	2.72	4.8	2.56	0.79
27NRFF1175212NPT	11	1.751	0.0557	2 1/2" => 75 mm	0.27	2 1/2" NPT	0.93	2.36	4.21	2.99	5.43	3.15	0.98
27NRFF11903NPT	11	2.952	0.0766	3" => 90 mm	0.323	3" NPT	1.02	2.8	4.69	3.43	6.02	3.74	0.94
27NRFF111104NPT	11	4.579	0.1363	3 1/2" => 110 mm	0.394	4" NPT	1.09	3.54	6.02	3.35	6.5	4.72	1.18
27NRFF111254NPT	11	4.997	0.1462	4" => 125 mm	0.45	4" NPT	1.09	3.9	6.02	3.74	6.97	4.72	1.18



NIRON



ITEM:
NRFF_NPT

C:\Vault_Temp\Disegni\Schede Tecniche\Niron Grey inches\Butt Fusion Fittings\NI10283.dwg

DESC: **FEMALE THREADED ADAPTER W/NPT LEAD FREE BRASS**



DRAWING No:

NI10283

SHEET OF REV.

1 1 -2

www.nupiamericas.com - info@nupiamericas.com

All dimensions have to be considered in inches with 5% tolerance if not otherwise mentioned excluding values as per standard ASTM F2389