

NIRON FG RED PP-RCT PIPE FOR HOT WATER - SDR 9 SERIES

Submittal Information • Revision A: December 1, 2015

PROJECT INFORMATION

Job Name/Location: _____

Engineer: _____ Date Submitted: _____

Contractor: _____ Submitted By: _____

Manufacturer's Rep.: _____ Approved By: _____

TECHNICAL DATA

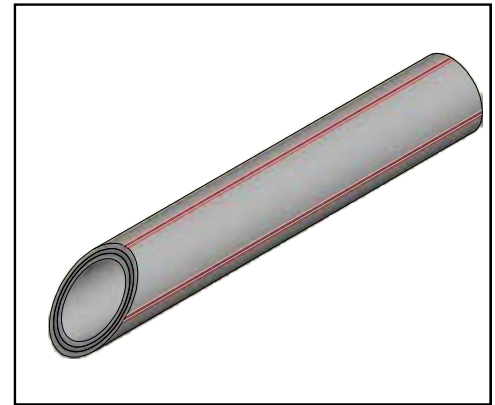
Material: PP-RCT (beta crystalline random copolymer polypropylene)

Standard Grade Hydrostatic 120 psi @ 180°F

Ratings for SDR 9 (50 year): 177 psi @ 140°F

335 psi @ 68°F

Linear Expansion Rate: 0.23 in/10°F/100 ft



PRODUCT INFORMATION AND APPLICATION USE

Niron FG Red PP-RCT pipe is a multilayer pipe extruded with a middle layer containing fiberglass, is solid grey in color and is identified with longitudinal red stripes. The pipe is intended for use in hot potable water piping services. The middle layer with added fiberglass material restricts the thermal expansion and contraction of the pipe compared to monolayer materials and is therefore useful for applications with wide temperature swings. The middle layer with added fiberglass also helps to stiffen the pipe which assists in aboveground support. Niron FG Red PP-RCT piping may also be used in other services where the middle layer with added fiberglass can help to restrict thermal expansion and contraction.

	DESCRIPTION	PART NUMBER	I.D.	O.D.	WEIGHT
<input type="checkbox"/>	½" Niron Clima PP-RCT Pipe, SDR 7.3, 20' Length	27TNIRRF2073	0.57	0.79	0.10
<input type="checkbox"/>	¾" Niron Clima PP-RCT Pipe, SDR 7.3, 20' Length	27TNIRRF2573	0.71	0.98	0.15
<input type="checkbox"/>	1" Niron Clima PP-RCT Pipe, SDR 9, 20' Length	27TNIRRF329	0.98	1.26	0.21
<input type="checkbox"/>	1 ¼" Niron Clima PP-RCT Pipe, SDR 9, 20' Length	27TNIRRF409	1.22	1.57	0.33
<input type="checkbox"/>	1 ½" Niron Clima PP-RCT Pipe, SDR 9, 20' Length	27TNIRRF509	1.53	1.97	0.51
<input type="checkbox"/>	2" Niron Clima PP-RCT Pipe, SDR 9, 20' Length	27TNIRRF639	1.93	2.48	0.82
<input type="checkbox"/>	2 ½" Niron Clima PP-RCT Pipe, SDR 9, 20' Length	27TNIRRF759	2.30	2.95	1.16
<input type="checkbox"/>	3" Niron Clima PP-RCT Pipe, SDR 9, 20' Length	27TNIRRF909	2.76	3.54	1.67
<input type="checkbox"/>	4" Niron Clima PP-RCT Pipe, SDR 9, 20' Length	27TNIRRF1109	3.37	4.33	2.49
<input type="checkbox"/>	5" Niron Clima PP-RCT Pipe, SDR 9, 20' Length	27TNIRRF12511	3.83	4.92	3.22
<input type="checkbox"/>	6" Niron Clima PP-RCT Pipe, SDR 9, 20' Length	27TNIRRF16011	4.90	6.30	5.27

LISTINGS	CODES	STANDARDS	CONTACT INFO
uNSF-14; ANSI/NSF-61; ICC-ES; UPC	ICC; IPC; IMC; UPC; UMC; NSPC; HUD; NPC of Canada; NBC of Canada	ANSI/NSF 14; ANSI/NSF 61; ASTM F2389; ASTM F2023; CSA B137.11; ASTM E-84; CAN/ULC S102.2	Nupi Americas, Inc. 1511 Superior Way Houston, TX 77039 Phone: 281-590-4471 Fax: 281-590-5268 www.nupiamericas.com