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

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.

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>PART NUMBER</th>
<th>I.D.</th>
<th>O.D.</th>
<th>WEIGHT</th>
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<tbody>
<tr>
<td>½” Niron Clima PP-RCT Pipe, SDR 7.3, 20’ Length</td>
<td>27TNIRRFG2073</td>
<td>0.57</td>
<td>0.79</td>
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<td>¾” Niron Clima PP-RCT Pipe, SDR 7.3, 20’ Length</td>
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<td>27TNIRRFG409</td>
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<td>2” Niron Clima PP-RCT Pipe, SDR 9, 20’ Length</td>
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<td>2 ½” Niron Clima PP-RCT Pipe, SDR 9, 20’ Length</td>
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<td>3” Niron Clima PP-RCT Pipe, SDR 9, 20’ Length</td>
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LISTINGS

- NSF-14
- ANSI/NSF-61
- ICC-ES
- UPC

CODES

- ICC; IPC; IMC; UPC; UMC; NSPC; HUD
- NPC of Canada; NBC of Canada

STANDARDS

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

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