

<b>PROJECT INFORMATION</b>	Job Name/Location: _____
	Engineer: _____ Date Submitted: _____
	Contractor: _____ Submitted By: _____
	Manufacturer's Rep.: _____ Approved By: _____

<b>TECHNICAL DATA</b>	<b>Material:</b>	PP-RCT (beta crystalline random copolymer polypropylene)	
	<b>Standard Grade Hydrostatic Ratings for SDR 7.3 (50 year):</b>	150 psi @ 180°F 224 psi @ 140°F 423 psi @ 68°F	
	<b>Linear Expansion Rate:</b>	0.23 in/10°F/100 ft	

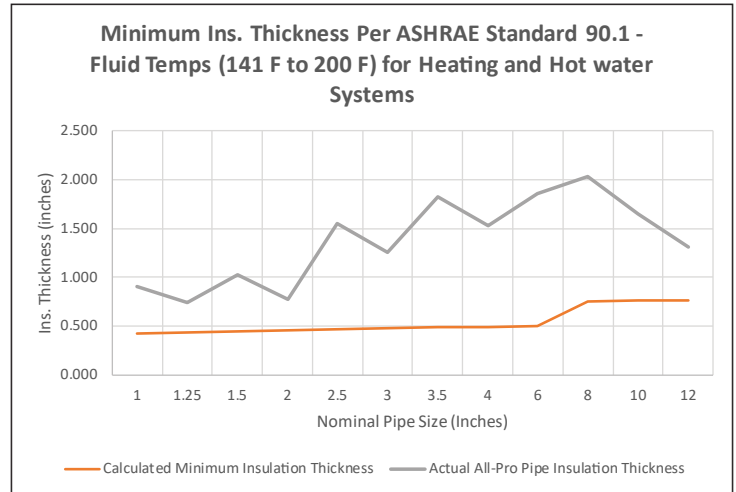
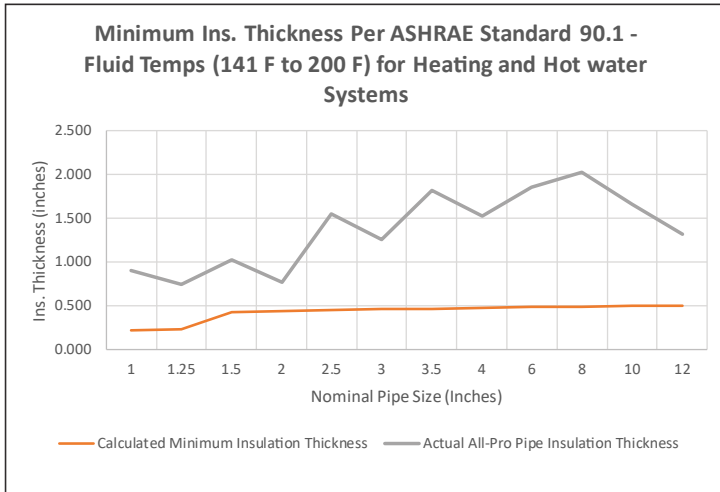
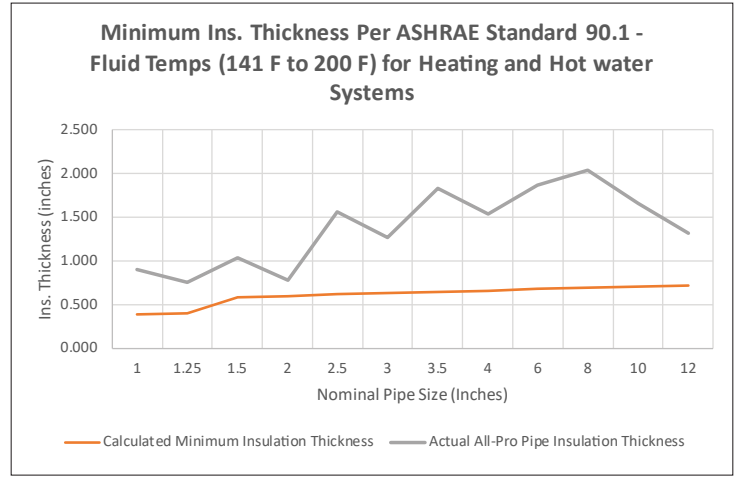
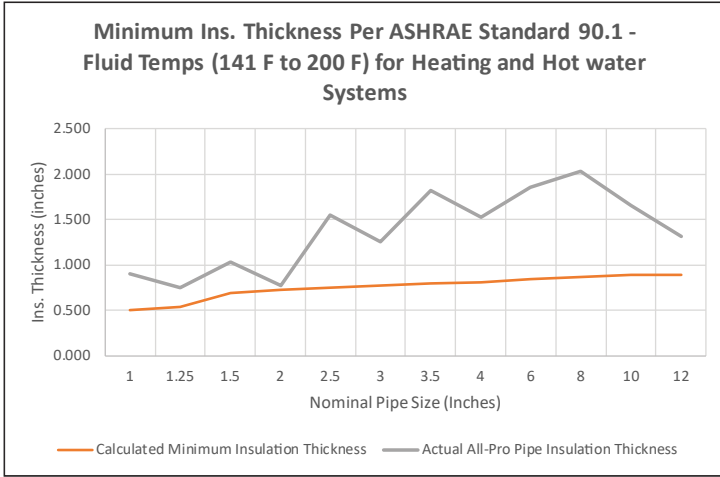
### PRODUCT INFORMATION AND APPLICATION USE

Niron AllPro preinsulated couplings are manufactured with Niron Clima PP-RCT carrier components that are housed within an IPS Sch. 40 jacket that is extruded with a 30 year U.V. resistant white PP-RCT external layer. The fittings are superinsulated with highly efficient closed cell polyurethane foam (PUF) insulation which exceeds the required thickness for the ASHRAE 90.1 Energy Code in all sizes. This style of coupling is intended to allow joining by the AllPro EF method.

	DESCRIPTION	PART NUMBER	I.D.	JACKET	WEIGHT
<input type="checkbox"/>	1" Niron Clima AllPro Electrofusion Coupling, SDR 7.3	27NMEAP3273	0.91	4.50	0.630
<input type="checkbox"/>	1 ¼" Niron Clima AllPro Electrofusion Coupling, SDR 7.3	27NMEAP4073	1.14	4.50	0.650
<input type="checkbox"/>	1 ½" Niron Clima AllPro Electrofusion Coupling, SDR 7.3	27NMEAP5073	1.43	4.50	1.204
<input type="checkbox"/>	2" Niron Clima AllPro Electrofusion Coupling, SDR 7.3	27NMEAP6373	1.80	4.50	1.184
<input type="checkbox"/>	2 ½" Niron Clima AllPro Electrofusion Coupling, SDR 7.3	27NMEAP7573	2.14	6.625	2.742
<input type="checkbox"/>	3" Niron Clima AllPro Electrofusion Coupling, SDR 7.3	27NMEAP9073	2.57	6.625	2.698
<input type="checkbox"/>	3 ½" Niron Clima AllPro Electrofusion Coupling, SDR 7.3	27NMEAP11073	3.15	8.625	5.690
<input type="checkbox"/>	4" Niron Clima AllPro Electrofusion Coupling, SDR 7.3	27NMEAP12573	3.57	8.625	5.981
<input type="checkbox"/>	6" Niron Clima AllPro Electrofusion Coupling, SDR 7.3	27NMEAP16073	4.57	10.75	10.798
<input type="checkbox"/>	8" Niron Clima AllPro Electrofusion Coupling, SDR 7.3	27NMEAP20073	5.72	12.75	16.457
<input type="checkbox"/>	10" Niron Clima AllPro Electrofusion Coupling, SDR 7.3	27NMEAP25073	7.15	14.00	21.914
<input type="checkbox"/>	12" Niron Clima AllPro Electrofusion Coupling, SDR 7.3	27NMEAP31573	9.00	16.00	31.385

LISTINGS	APPLICABLE CODES	APPLICABLE STANDARDS	CONTACT INFO
uNSF-14; ICC-ES; IAPMO	ICC; IPC; IMC; UPC; UMC; NSPC; NPC of Canada; NBC of Canada; ASHRAE 90.1; IECC Energy Code	ANSI/NSF 14; ASTM F2389; CSA B137.11; CAN/ULC S102.2	Nupi Americas, Inc. 314 Commerce Parkway Early Branch, SC 29916 phone: +1 803 398 3579 fax: +1 803 398 3639 info@nupiamericas.com

**Minimum Insulation Thickness per ASHRAE Standard 90.1**



**R VALUES FOR ALL-PRO PIPING SDR 7.3 COMPARED TO ENERGY CODE**

				R	R	R	R	R
Size Inner Pipe	Size Inner Pipe	Size Outer Jacket	Insulation Thickness PUF	R Value Niron Clima AllPro SDR 7.3 Preinsulated Pipe	Estimated R Value per ASHRAE 90.1 for Less Than 40°F	Estimated R Value per ASHRAE 90.1 40°F to 60°F	Estimated R Value per ASHRAE 90.1 105°F to 140°F	Estimated R Value per ASHRAE 90.1 141°F to 200°F
in	mm	in	in					
1	32	3.5	0.90	10.0	5.9	2.4	5.5	8.8
1¼	40	4.5	1.25	14.1	5.6	2.3	5.2	8.3
1½	50	4.5	1.03	10.6	5.4	5.2	8.3	11.5
2	63	4.5	0.77	7.3	5.1	4.9	7.8	10.9
2	63	5.563	1.28	13.2	5.1	4.9	7.8	10.9
2½	75	6.625	1.58	16.3	5.0	4.8	7.5	10.3
3	90	6.625	1.26	12.1	4.8	4.6	7.2	9.9
3½	110	8.625	1.83	18.0	4.7	4.5	7.0	9.6
4	125	8.625	1.53	14.4	4.6	4.4	6.8	9.3
6	160	10.75	1.86	17.4	6.9	4.2	6.4	8.7
8	200	12.75	2.03	18.7	6.7	4.1	6.2	8.3
10	250	14	1.65	14.8	6.5	4.0	6.0	8.0
12	315	16	1.31	11.8	6.4	4.0	5.9	7.9