



# NIRON ELECTROFUSION FITTINGS

Submittal Information • Revision C: January 1, 2022



## 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 Ratings:**  
 100 psi @ 180°F  
 141 psi @ 140°F  
 267 psi @ 68°F



## PRODUCT INFORMATION AND APPLICATION USE

Niron Electrofusion Fittings are designed to be joined by means of the electrofusion method in accordance with ASTM F1290. Fittings are manufactured with imbedded resistance elements on each outlet. The dimensions of the fittings and sockets are in accordance with the requirements of ASTM F2389. The fittings and Couplings are designed with sufficient thickness and length of the fusion zone to match the pressure ratings of the SDR 11 pipe. Couplings in 1/2" through 2" are rated to SDR 7.3. Fittings are injection molded and are solid grey in color.

DESCRIPTION	SIZES	PART NUMBER PREFIX
<input type="checkbox"/> 90° Elbows	1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 3 1/2", 6", 8"	27NGEM
<input type="checkbox"/> 45° Elbows	1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 3 1/2", 6", 8"	27NCEM
<input type="checkbox"/> Tees	1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 3 1/2", 6", 8"	27NTCE, 27NTE
<input type="checkbox"/> Couplings	1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 3 1/2", 6", 8", 10", 12" 14", 16", 18", 20", 22", 24"	27NME
<input type="checkbox"/> Reducers	1"x 3/4", 1 1/4"x1", 1 1/2"x1", 1 1/2"x1 1/4", 2"x1", 2"x1 1/4" 2"x1 1/2", 2 1/2"x2", 3"x2", 3 1/2"x2", 3 1/2"x3", 6"x3", 6"x3 1/2", 8"x6", 1/2"x1 1/2"	NRDE
<input type="checkbox"/> Female Threaded Street 90° Elbow w/NPT Lead Free Brass	1/2"x1 1/2"	27NGMFF
<input type="checkbox"/> Street 45° Elbows	1/2", 3/4", 1"	27NC45MF
<input type="checkbox"/> Female Threaded Tee w/NPT Lead Free Brass	1/2"x1 1/2", 3/4"x1 1/2", 3/4"x3/4", 1"x 1/2", 1"x 3/4", 1"x1"	27NTF
<input type="checkbox"/> Female threaded Tee w/NPT Stainless Steel	1/2"x1 1/2", 3/4"x1 1/2", 3/4"x3/4", 1"x 1/2", 1"x 3/4", 1"x1"	27TNTF ----(SS)
<input type="checkbox"/> Male Threaded Tee w/NPT Lead Free Brass	1/2"x1 1/2", 3/4"x1 1/2", 3/4"x3/4", 1"x 1/2", 1"x 3/4", 1"x1"	27NTM

continued on page 2

LISTINGS	APPLICABLE CODES	APPLICABLE STANDARDS	CONTACT INFO
NSF-PW; uNSF-14; ANSI/NSF-61; ICC-ES; IAMPO	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. 314 Commerce Parkway Early Branch, SC 29916 phone: +1 803 398 3579 fax: +1 803 398 3639 info@nupiamericas.com



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<input type="checkbox"/> Female Threaded Street 90° Elbow w/NPT Lead Free Brass	1/2"x1/2"	27NGMFF
<input type="checkbox"/> Street 45° Elbows	1/2", 3/4", 1"	27NC45MF
<input type="checkbox"/> Female Threaded Tee w/NPT Lead Free Brass	1/2"x1/2", 3/4"x1/2", 3/4"x3/4", 1"x 1/2", 1"x 3/4", 1"x1"	27NTF
<input type="checkbox"/> Female threaded Tee w/NPT Stainless Steel	1/2"x1/2", 3/4"x1/2", 3/4"x3/4", 1"x 1/2", 1"x 3/4", 1"x1"	27TNTF ----(SS)
<input type="checkbox"/> Male Threaded Tee w/NPT Lead Free Brass	1/2"x1/2", 3/4"x1/2", 3/4"x3/4", 1"x 1/2", 1"x 3/4", 1"x1"	27NTM
<input type="checkbox"/> Male Threaded Tee w/NPT Lead Free Brass	1/2"x1/2", 3/4"x1/2", 3/4"x3/4", 1"x 1/2", 1"x 3/4", 1"x1"	27Ntm----(SS)
<input type="checkbox"/> Reducing Tee	From 3/4"x 1/2"x 1/2" through 4"x3 1/2"	27NTR
<input type="checkbox"/> Reducing Cross	1 1/4"x1 1/4"x1/2"x1/2", 1 1/4"x1 1/4"x3/4"x3/4"	27NCR
<input type="checkbox"/> Side Elbow Three Outlets	1/2"	27NCTV
<input type="checkbox"/> Reducing Bushing	From 3/4"x1/2" through 6"x4"	27NR
<input type="checkbox"/> Couplings	1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3, 3 1/2", 4", 6"	27NMAN
<input type="checkbox"/> Female Threaded Adapter w/NPT Lead Free Brass	From 1/2"x1/2" through 4"x 4"	27NRFF
<input type="checkbox"/> Female Threaded Adapter w/NPT Stainless Steel	From 1/2"x1/2" through 4"x 4"	27NRFF----(SS)
<input type="checkbox"/> Male Threaded Adapter w/NPT Lead Free Brass	From 1/2"x1/2" through 4"x 4"	27NRFM
<input type="checkbox"/> Male Threaded Adapter w/NPT Lead Free Brass	From 1/2"x1/2" through 4"x 4"	27NRFM
<input type="checkbox"/> Male Threaded Adapter w/NPT Stainless Steel	From 1/2"x1/2" through 4"x 4"	27NRFM----(SS)
<input type="checkbox"/> Union w/Standard Brass	1/2", 3/4", 1", 1 1/4", 1 1/2", 2"	27NCSJ
<input type="checkbox"/> All Plastic Unions	1/2", 3/4", 1", 1 1/4", 1 1/2", 2"	27NBRF
<input type="checkbox"/> Electrolet Branch Fittings w/Spigot Outlets	From 1 1/4"/1 1/2"x1/2" through 24"x4"	27NGS
<input type="checkbox"/> Electrolet Branch Fittings w/Female Threaded Outlets	From 1 1/4"/1 1/2"x1/2" through 24"x4"	27NGS
<input type="checkbox"/> Female Welding Saddle w/NPT Lead Free Brass	From 1 1/4"x1/2" through 24"x1"	27NGSF
<input type="checkbox"/> Female Welding Saddle w/NPT Stainless Steel	From 1 1/4"x1/2" through 24"x1"	27NGS----(SS)
<input type="checkbox"/> End Cap	1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 3 1/2", 4", 6"	27NCC

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