

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:
 150 psi @ 180°F
 280 psi @ 140°F
 525 psi @ 68°F


PRODUCT INFORMATION AND APPLICATION USE

Niron Socket Fusion Fittings are designed to be joined by means of heat element socket fusion in accordance with ASTM D2657, Procedure 1. Fittings are manufactured with imbedded sockets on each side which are of a tapered interference fit. The dimensions of the fittings and sockets are in accordance with the requirements of ASTM F2389. The fittings are designed with sufficient thickness to exceed the pressure ratings of the thickest Niron commercially available pipe. Fittings are unitary and injection molded and are solid grey in color.

DESCRIPTION	SIZES	PART NUMBER PREFIX
<input type="checkbox"/> 90° Elbows	From ½" through 4"	27NG
<input type="checkbox"/> 45° Elbows	From ½" through 4"	27NC45
<input type="checkbox"/> Tees	From ½" through 4"	27NT
<input type="checkbox"/> Stub Flanges	From ½" through 4"	27NCOSA
<input type="checkbox"/> Female Threaded 90° Elbows, w/NPT Lead Free Brass	½"x½", ¾"x½", ¾"x¾", 1"x ½", 1"x ¾", 1"x1" 1¼"x1", 1 ½"x1¼", 1 ½"x 1½", 2"x1", 2"x2"	27NGF
<input type="checkbox"/> Male Threaded 90° Elbows, w/NPT Lead Free Brass	½"x½", ¾"x½", ¾"x¾", 1"x ½", 1"x ¾", 1"x1"	27NGM
<input type="checkbox"/> Female Threaded Back Plate 90°, w/NPT Lead Free Brass	½"x½"	27NTER
<input type="checkbox"/> Female Threaded Winged 90° Elbow, w/NPT Lead Free Brass	½"x3/8", ½"x½"	27NGTF
<input type="checkbox"/> Male Threaded Winged 90°, w/NPT Lead Free Brass	½"x3/8", ½"x½"	27GTM
<input type="checkbox"/> Female Threaded 90° for Template, w/NPT Lead Free Brass	½"x½", ¾"x½"	27NGOF
<input type="checkbox"/> Male Threaded 90° for Template, w/NPT Lead Free Brass	½"x½", ¾"x½"	27NGOM
<input type="checkbox"/> Street 90° Elbows	½"x½", ¾"x¾", 1"x1", 1¼"x1¼"	27NGMF

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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



NIRON SOCKET FUSION FITTINGS

Submittal Information • Revision C: January 1, 2022



DESCRIPTION	SIZES	PART NUMBER PREFIX
<input type="checkbox"/> Female Threaded Street 90° Elbow w/NPT Lead Free Brass	½"x½"	27NGMFF
<input type="checkbox"/> Street 45° Elbows	½", ¾", 1"	27NC45MF
<input type="checkbox"/> Female Threaded Tee w/NPT Lead Free Brass	½"x½", ¾"x½", ¾"x¾", 1"x ½", 1"x ¾", 1"x1"	27NTF
<input type="checkbox"/> Female threaded Tee w/NPT Stainless Steel	½"x½", ¾"x½", ¾"x¾", 1"x ½", 1"x ¾", 1"x1"	27TNTF ----(SS)
<input type="checkbox"/> Male Threaded Tee w/NPT Lead Free Brass	½"x½", ¾"x½", ¾"x¾", 1"x ½", 1"x ¾", 1"x1"	27NTM
<input type="checkbox"/> Male Threaded Tee w/NPT Lead Free Brass	½"x½", ¾"x½", ¾"x¾", 1"x ½", 1"x ¾", 1"x1"	27Ntm----(SS)
<input type="checkbox"/> Reducing Tee	From ¾"x ½"x ½" through 4"x3½"	27NTR
<input type="checkbox"/> Reducing Cross	1 ¼"x1¼"x½"x½", 1 ¼"x1¼"x¾"x¾"	27NCR
<input type="checkbox"/> Side Elbow Three Outlets	½"	27NCTV
<input type="checkbox"/> Reducing Bushing	From ¾"x½" through 6"x4"	27NR
<input type="checkbox"/> Couplings	½", ¾", 1", 1 ¼", 1 ½", 2", 2 ½", 3, 3 ½", 4", 6"	27NMAN
<input type="checkbox"/> Female Threaded Adapter w/NPT Lead Free Brass	From ½"x½" through 4"x4"	27NRFF
<input type="checkbox"/> Female Threaded Adapter w/NPT Stainless Steel	From ½"x½" through 4"x4"	27NRFF----(SS)
<input type="checkbox"/> Male Threaded Adapter w/NPT Lead Free Brass	From ½"x½" through 4"x4"	27NRFM
<input type="checkbox"/> Male Threaded Adapter w/NPT Lead Free Brass	From ½"x½" through 4"x4"	27NRFM
<input type="checkbox"/> Male Threaded Adapter w/NPT Stainless Steel	From ½"x½" through 4"x4"	27NRFM----(SS)
<input type="checkbox"/> Union w/Standard Brass	½", ¾", 1", 1 ¼", 1 ½", 2"	27NCSJ
<input type="checkbox"/> All Plastic Unions	½", ¾", 1", 1 ¼", 1 ½", 2"	27NBRF
<input type="checkbox"/> Instabranch™ Welding Socket w/Socket Fusion Outlets	From 1¼"/1 ½"x½" through 24"x4"	27NGS
<input type="checkbox"/> Instabranch™ Welding Socket w/NPT Standard Brass	From 1¼"/1 ½"x½" through 24"x4"	27NGSF
<input type="checkbox"/> Instabranch™ Welding Socket w/NPT Lead Free Brass	From 1¼"x½" through 24"x1"	27NGSF
<input type="checkbox"/> Instabranch™ Welding Socket w/NPT Stainless Steel	From 1¼"x½" through 24"x1"	27NGS----(SS)
<input type="checkbox"/> Instaheader™ Welding Socket w/PEX Adapter (ASTM F1960)	From 1¼"x½" through 12"x1"	27NPGS
<input type="checkbox"/> Instaheader™ Welding Socket w/PEX Adapter (ASTM F1807)	From 1¼"x½" through 4"x1"	27NPGSCR
<input type="checkbox"/> End Cap	½", ¾", 1", 1 ¼", 1 ½", 2", 2 ½", 3", 3 ½", 4", 6"	27NCC

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