

NIRON SOCKET FUSION FITTINGS

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 193 psi @ 180°F

Ratings: 281 psi @ 140°F

532 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	½", ¾", 1", 1 ¼", 1 ½", 2", 2 ½", 3", 4", 6"	27NG
<input type="checkbox"/> 45° Elbows	½", ¾", 1", 1 ¼", 1 ½", 2", 2 ½", 3", 4", 6"	27NC45
<input type="checkbox"/> Tees	½", ¾", 1", 1 ¼", 1 ½", 2", 2 ½", 3", 4", 6"	27NT
<input type="checkbox"/> Stub Flanges	½", ¾", 1", 1 ¼", 1 ½", 2", 2 ½", 3", 4", 6"	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" 1 ¼"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
<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

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

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<input type="checkbox"/>	Male Threaded Tee w/NPT Lead Free Brass	1/2" x 1/2", 3/4" x 1/2", 3/4" x 3/4", 1" x 1/2", 1" x 3/4", 1" x 1"	27Ntm----(SS)
<input type="checkbox"/>	Reducing Tee	3/4" x 1/2" x 1/2", 3/4" x 3/4" x 1/2", 3/4" x 1/2" x 3/4", 3/4" x 3/4" x 1", 1" x 1/2" x 1/2", 1" x 3/4" x 1/2", 1" x 1" x 1/2", 1" x 3/4" x 3/4", 1" x 1" x 3/4", 1" x 3/4" x 1", 1 1/4" x 1 1/4" x 1/2", 1 1/4" x 1 1/4" x 3/4", 1 1/2" x 1 1/2" x 1/2", 1 1/2" x 1 1/2" x 3/4", 1 1/2" x 1 1/2" x 1", 1 1/2" x 1 1/2" x 1 1/4", 2" x 2" x 3/4", 2" x 2" x 1", 2" x 2" x 1 1/4", 2" x 2" x 1 1/2", 2 1/2" x 2 1/2" x 2", 3" x 3" x 2", 3" x 3" x 2 1/2", 4" x 4" x 2", 4" x 4" x 2 1/2", 4" x 4" x 3", 5" x 5" x 2 1/2", 5" x 5" x 3", 5" x 5" x 4"	27NTR
<input type="checkbox"/>	Reducing Cross	1 1/4" x 1 1/4" x 1/2" x 1/2", 1 1/4" x 1 1/4" x 3/4" x 3/4"	27NCR
<input type="checkbox"/>	Side Elbow Three Outlets	1/2"	27NCTV
<input type="checkbox"/>	Reducing Bushing	3/4" x 1/2", 1" x 1/2", 1" x 3/4", 1 1/4" x 1/2", 1 1/4" x 3/4", 1 1/4" x 1", 1 1/2" x 1/2", 1 1/2" x 3/4", 1 1/2" x 1", 1 1/2" x 1 1/4", 2" x 3/4", 2" x 1" 2" x 1 1/4", 2" x 1 1/2", 2 1/2" x 1/2", 2 1/2" x 3/4", 2 1/2" x 1", 2 1/2" x 1 1/4", 2 1/2" x 2", 3" x 2", 3" x 2 1/2", 4" x 2", 4" x 2 1/2", 4" x 3", 5" x 3" 5" x 4", 6" x 4", 6" x 5"	27NR
<input type="checkbox"/>	Couplings	1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 4", 6"	27NMAN
<input type="checkbox"/>	Female Threaded Adapter w/NPT Lead Free Brass	1/2" x 1/2", 3/4" x 1/2", 3/4" x 3/4", 1" x 1/2", 1" x 3/4", 1" x 1" 1 1/4" x 1", 1 1/2" x 1 1/4", 1 1/2" x 1 1/2", 2" x 1", 2" x 2" 2 1/2" x 2", 2 1/2" x 2 1/2", 3" x 3", 4" x 4", 5" x 4"	27NRFF
<input type="checkbox"/>	Female Threaded Adapter w/NPT Stainless Steel	1/2" x 1/2", 3/4" x 1/2", 3/4" x 3/4", 1" x 1/2", 1" x 3/4", 1" x 1" 1 1/4" x 1", 1 1/2" x 1 1/4", 1 1/2" x 1 1/2", 2" x 1", 2" x 2" 2 1/2" x 2", 2 1/2" x 2 1/2", 3" x 3", 4" x 4", 5" x 4"	27NRFF----(SS)
<input type="checkbox"/>	Male Threaded Adapter w/NPT Lead Free Brass	1/2" x 1/2", 3/4" x 1/2", 3/4" x 3/4", 1" x 1/2", 1" x 3/4", 1" x 1" 1 1/4" x 1", 1 1/2" x 1 1/4", 1 1/2" x 1 1/2", 2" x 1", 2" x 2" 2 1/2" x 2", 2 1/2" x 2 1/2", 3" x 3", 4" x 4", 5" x 4"	27NRFM
<input type="checkbox"/>	Male Threaded Adapter w/NPT Stainless Steel	1/2" x 1/2", 3/4" x 1/2", 3/4" x 3/4", 1" x 1/2", 1" x 3/4", 1" x 1" 1 1/4" x 1", 1 1/2" x 1 1/4", 1 1/2" x 1 1/2", 2" x 1", 2" x 2" 2 1/2" x 2", 2 1/2" x 2 1/2", 3" x 3", 4" x 4", 5" x 4"	27RFM----(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"/>	Welding Saddles w/Socket Fusion Outlets	1 1/4" / 1 1/2" x 1/2", 2" / 2 1/2" x 1/2", 3" / 4" / 5" x 1/2", 6" / 8" x 1/2" 10" / 12" x 1/2", 1 1/4" / 1 1/2" x 3/4", 2" / 2 1/2" x 3/4", 3" / 4" / 5" x 3/4", 6" / 8" x 3/4", 10" / 12" x 3/4", 2" / 2 1/2" x 1", 3" / 4" / 5" x 1" 6" / 8" x 1", 10" / 12" x 1", 3" / 4" / 5" x 1 1/4", 6" / 8" x 1 1/4", 10" / 12" x 1 1/4", 5" x 1 1/2", 6" x 1 1/2", 8" x 1 1/2", 10" x 1 1/2", 12" x 1 1/2", 5" x 2", 6" x 2", 8" x 2", 10" x 2", 12" x 2"	27NGS
<input type="checkbox"/>	Female Welding Saddle w/NPT Lead Free Brass	1 1/4" x 1/2", 1 1/2" x 1/2", 1 1/2" x 3/4", 2" x 1/2", 2" x 3/4", 2" x 1", 2 1/2" x 1/2", 2 1/2" x 3/4", 2 1/2" x 1", 3" x 1/2", 3" x 3/4", 3" x 1", 4" x 1/2", 4" x 3/4", 4" x 1"	27NGSF
<input type="checkbox"/>	Female Welding Saddle w/NPT Stainless Steel	1 1/4" x 1/2", 1 1/2" x 1/2", 1 1/2" x 3/4", 2" x 1/2", 2" x 3/4", 2" x 1", 2 1/2" x 1/2", 2 1/2" x 3/4", 2 1/2" x 1", 3" x 1/2", 3" x 3/4", 3" x 1", 4" x 1/2", 4" x 3/4", 4" x 1"	27NGSF----(SS)
<input type="checkbox"/>	End Cap	1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 4", 6"	27NCC
<input type="checkbox"/>	PP Encapsulated Backing Ring, ANSI 150#	1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 4", 6"	00FLAACPP