

stainless steel

 SS-7 rigid coupling 1 1/4" - 8"	 SS-7X rigid coupling 10" - 24"	 SS-8 flexible Coupling 1" - 8"	 SS-8X heavy duty flexible coupling 3/4" - 8"
			

 SS-10 90° elbow 1" - 12"	 SS-11 45° elbow 1" - 12"	 SS-20 tee 1" - 12"	 SS-21 reducing tee 1 1/4" x 1" - 12" x 10"
 SS-21F reducing tee(FPT) 1 1/4" x 1" - 12" x 10"	 SS-50 concentric reducer 1 1/4" x 1" - 12" x 10"	 SS-51 eccentric reducer 2 1/2" x 2" - 8" x 6"	 SS-60 cap 1" - 12"
 SS-50F reducing nipple (FPT)	 SS-80 universal flange adapter 2" - 12"	scan me 	

 SS-28 hinged lever coupling 1 1/2" - 6"	 SS-723 mechanical tee 1 1/4" x 1/2" - 2" x 1"	 SS-41 flange adapter class 125/150 2" - 8"	 SS-49 sandwich plate 2" - 8"
			

 SJ-400 butterfly valve 2" - 12"	 SJ-600 ball valve 1 1/2" - 4"	 SS-726 Y-strainer 2 1/2" - 6"
		

mechanical couplings

 M07 quick install heavy duty rigid coupling 2" - 8"	 Z07 heavy duty rigid coupling 1 1/4" - 12"	 Z07N heavy duty rigid coupling 14" - 24"	 XH-1000 extra heavy rigid coupling 2" - 12"
			

 XH-70EP extra heavy rigid coupling w/end protection 2" - 12"	 7705 flexible coupling 1" - 12"	 7706 reducing coupling 1 1/2" x 1 1/4" - 8" x 6"	 7707 heavy duty flexible coupling 3/4" - 12"
			
 7707N heavy duty flexible coupling 14" - 26"	 7707L large diameter coupling 28" - 42"	 G28 hinged lever coupling 1 1/2" - 10"	 C-7 outlet coupling 1 1/2" x 1/2" - 6" x 2 1/2"
			

 79 plain-end "wildcat" coupling 1" - 16"


ring joint

 R-88 ring joint coupling 8" - 12" & 28" - 96"	 R-88N ring joint coupling 14" - 26"	 RH-1000 1000 psi coupling 8" - 12"	 RX-3000 3000 psi coupling 8" - 12"
			
 RX-3770 3770 psi coupling 6" - 12"	scan me 		

mechanical fittings

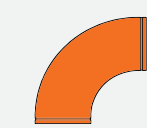
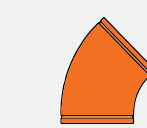
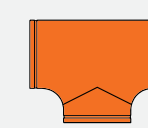
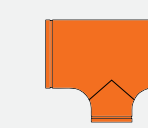
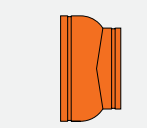
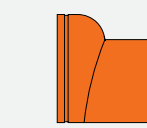
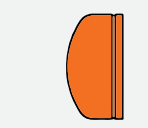

 M21 mechanical tee (FPT) 2" x 1 1/2" - 8" x 4"	 M22 mechanical tee (GRV) 2" x 1 1/2" - 8" x 4"
	

grooved end fittings



scan me


wrot fittings

 W110LR 1.5D long radius 90° elbow 14" - 42"	 W111LR 1.5D long radius 45° elbow 14" - 42"	 W120 tee 14" - 42"	 W121 reducing tee 14" x 6" - 42" x 40"
 W150 concentric reducer 14" x 6" - 28" x 18"	 W151 eccentric reducer 14" x 6" - 28" x 18"	 W160 cap 14" - 42"	scan me 

HDPE

 H305 coupling 2" - 20"	 H307 transition coupling 2" - 12"	 H312 flange adapter 2" - 12"
		

copper

 C305 angle pad RIGID coupling 2" - 6"	 C306 reducing coupling 2 1/2" x 2" - 6" x 4"	 C307 transition coupling (IPS X CTS) 2" - 6"	 C341 flange adapter class 125/150 2" - 6"
			

 C10 90° elbow 2" - 6"	 C11 45° elbow 2" - 6"	 C20 tee 2" - 6"	 C21 reducing tee (GRV X GRV) 2" x 3/4" - 4" x 2"
 C26 reducing tee (GRV X CUP) 2" x 3/4" - 4" x 2"	 C50 concentric reducer 2 1/2" x 2" - 6" x 4"	 C52 concentric reducer (GRV X CUP) 2" x 1" - 4" x 2"	 C55 transition adapter (IPS X CTS) 2 1/2" x 2" - 6" x 4"
 C60 cap 2" - 6"	 DE30GG dielectric transition fitting 2" - 8"	scan me 	

 C723 bronze mechanical tee 2" - 6"	 SJ-C300 butterfly valve 2" - 6"	 C726 Y-strainer 2" - 6"
		

smart part number matrix

SJT		Z07		8		P		E	
prefix	model no.	size		finish		gasket style & grade			
SJT		75	0.75"	P	painting orange	E EPDM			
		8	8"	G	galvanized	T nitrile			
		42	42"	O	fluro-elastomer				
		42	4" x 2"	B	painting black	GS gap seal			

SHURJOINT®

flange adapters






 7041 flange adapter class 125/150 2" - 24"	 7043 flange adapter class 300 2" - 12"	 7170 flange adapter ANSI class 125/150 10" - 24"	 7180 universal flange adapter ANSI class 125/150 2" - 8"
			
 49 sandwich plate 2" - 24"			
			

flow control

 725G suction diffuser 2" - 12"	 726 Y-strainer 2" - 30"	 728 T-strainer 2" - 14"	 SJ-200 low profile butterfly valve 2" - 8"
			
 SJ-300 butterfly valve 2" - 24"	 SJ-500 ball valve 1½" - 6"	 SJ-900 swing check valve 2½" - 12"	 SJ-915 dual disc check 2½" - 12"
			
 SJ-915 dual disc check 14" - 24"	 SJ-930 horizontal swing check 2" - 4"	 BH-22C brass swing check valve 2" - 4"	
			

gasket selection

EPDM
The most water-resistant rubber available. EPW grade gaskets are UL classified per ANSI/NSF 61 and 372 for potable water up to 180°F (82°C). Suitable for water up to 230°F (110°C), wastewater, acidic water, deionized water, and seawater. Not for petroleum-based oils or solvents. Shurjoint Grade "E" EPDM meets ASTM D2000 2CA615A25B24F17Z standards, with superior aging resistance.

 grade "E" green stripe	 grade "EPW" double green stripe potable water	 grade "EHM" green & red stripe potable water
 grade "T" orange stripe	 grade "A" white gasket	

NBR, Buna-N, and nitrile
All are copolymers of butadiene and acrylonitrile (ACN), resistant to hydraulic fluids, oils, transmission fluids, and water below 150°F (65°C). Higher ACN content increases oil and heat resistance but reduces elasticity. NBR is poor against hot water and steam. Shurjoint grade "T" NBR, based on ASTM D2000 5BG615A14B24Z, exceeds AWWA C606 standards. It is a general-purpose compound with medium ACN. For fuels with a low aniline point, use Shurjoint grade "M2" Epichloro-Hydrin or grade "O" Fluorocarbon.

silicone (VMQ)
Shurjoint grade "L" Silicone compound offers high-temperature stability and low-temperature flexibility, ideal for dry heat and air up to 350°F (177°C) without hydrocarbons. Suitable for food and medical applications due to its odorless and tasteless properties. Not recommended for hot water or steam services.

chloroprene (CR, neoprene)
Shurjoint grade "V" chloroprene rubber is a general purpose elastomer that demonstrates good resistance to lubricating oils, animal and vegetable fats and greases. Chloroprene is not effective in aromatic and oxygenated solvent environments and is not recommended for hot water and steam services.

fluoroelastomer (FKM)
FKM is a highly fluorinated compound with excellent chemical and ozone resistance, stable up to 300°F (149°C). Shurjoint grade "O" fluorocarbon gaskets are ideal for oils, gasoline, hydraulic fluids, hydrocarbon solvents, and extended fuels beyond grade T/NBR limits. Not recommended for hot water or steam.

epichloro-hydrin (ECO)
Shurjoint grade "M2" compound offers good to excellent resistance to aliphatic hydrocarbon and aromatic hydrocarbon fuels at low temperatures, LP gases and fuels, mineral oils and many solvents. ECO offers limited resistance to many organic chemicals.

halogenated butyl (CIIR)
Shurjoint grade "M" CIIR is specially compounded for use with AWWA ductile iron pipe for water services, mild dilute acids, oil-free air and many chemicals. The compound is UL classified for potable water use per NSF/ANSI 61 and NSF/ANSI 372.

grade "L" red gasket

grade "V" yellow stripe

grade "O" blue stripe

grade "M2" white stripe

grade "M" brown stripe

*used with M07 coupling

