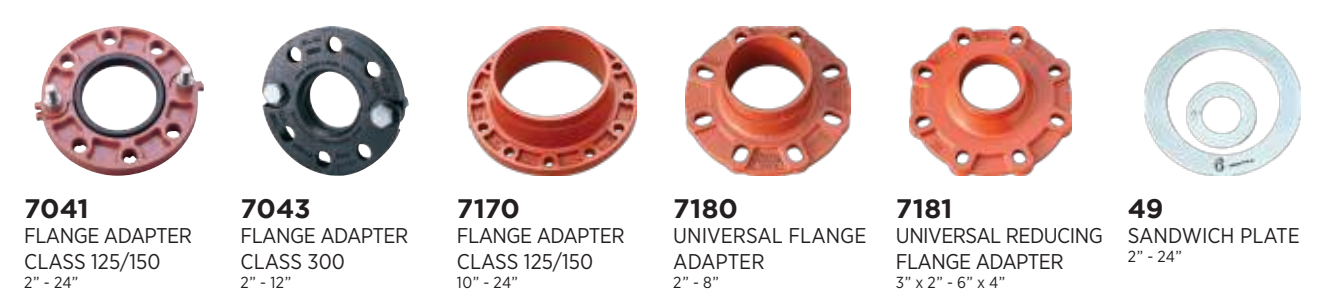


Mechanical Couplings



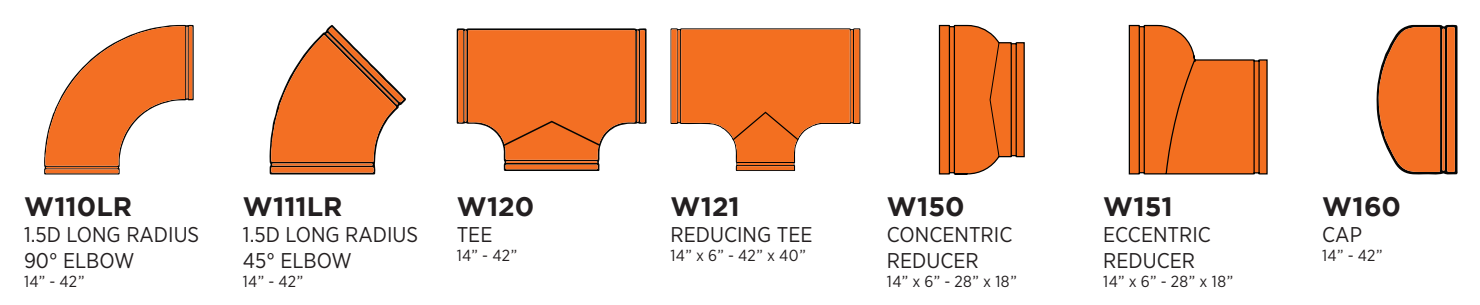
M07 (QIC) RIGID MECHANICAL COUPLING 2" - 6"
Z07 HEAVY DUTY RIGID COUPLING 1" - 12"
Z07N HEAVY DUTY RIGID COUPLING 14" - 24"
XH1000 EXTRA HEAVY RIGID COUPLING 2" - 8"
7705 FLEXIBLE COUPLING 1" - 12"
7706 REDUCING COUPLING 1-1/2" x 1-1/4" - 8" x 6"
7707 HEAVY DUTY FLEXIBLE COUPLING 3/4" - 12"
7707N HEAVY DUTY FLEXIBLE COUPLING 14" - 26"
7707L LARGE DIAMETER COUPLING 28" - 42"
G28 HINGED LEVER COUPLING 1-1/2" - 10"
C7 OUTLET COUPLING 1-1/2" x 1/2" - 6" x 2-1/2"
79 PLAIN-END "WILDCAT" COUPLING 1" - 16"

Flange Adapters



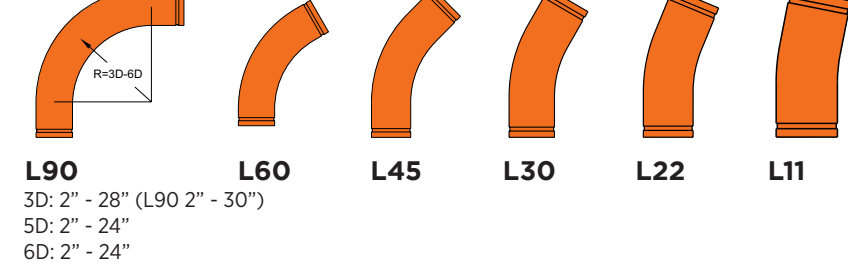
7041 FLANGE ADAPTER CLASS 125/150 2" - 24"
7043 FLANGE ADAPTER CLASS 300 2" - 12"
7170 FLANGE ADAPTER CLASS 125/150 10" - 24"
7180 UNIVERSAL FLANGE ADAPTER 2" - 8"
7181 UNIVERSAL REDUCING FLANGE ADAPTER 3" x 2" - 6" x 4"
49 SANDWICH PLATE 2" - 24"

Wrought 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"

LONG RADIUS ELBOWS (BENDS)



L90 3D: 2" - 28" (L90 2" - 30")
 5D: 2" - 24"
 6D: 2" - 24"
L60
L45
L30
L22
L11

Grooved Fittings



7110 90° ELBOW 1" - 24"
7111 45° ELBOW 1" - 24"
7112 22-1/2° ELBOW 1-1/4" - 12"
7113 11-1/4° ELBOW 1" - 12"
7118 90° ELBOW (GRV X MPT) 3/4" - 6"
7119 45° ELBOW (GRV X MPT) 3/4" - 6"
7120 TEE 1" - 16"
7121 REDUCING TEE 2" x 2" x 1-1/4" - 12" x 12" x 10"
7121M REDUCING TEE (GRV X MPT) 2" x 2" x 1-1/4" - 12" x 12" x 10"
7130 45° LATERAL 2" - 12"
7135 CROSS 2" - 8"
7137 TRUE-Y 2" - 12"
7150 CONCENTRIC REDUCER 1-1/4" x 1" - 24" x 20"
7151 ECCENTRIC REDUCER 2-1/2" x 2" - 24" x 20"
7150F REDUCING NIPPLE (FPT) 1-1/2" x 1" - 6" x 4"
7150M REDUCING NIPPLE (MPT) 1-1/2" x 1" - 6" x 4"
7160 END CAP 1" - 8"
7160H DOMED END CAP 10" - 12"
7160P END CAP W/ PLUG 1" - 8"
7110B 90° ELBOW W/ BASE SUPPORT 3" - 12"
7110DR DRAIN ELBOW 2" - 8"
7110LR 1.5D 90° ELBOW 2" - 12"
7111LR 1.5D 45° ELBOW 2" - 12"
71103D 3D 90° ELBOW
71113D 3D 45° ELBOW
54 NIPPLE ADAPTER (GRV X FPT) 1-1/2" - 4"
55 NIPPLE ADAPTER (GRV X MPT) 1-1/2" - 2"
56 HOSE NIPPLE 1" - 8"
57 NIPPLE (GRV X GRV) 3/4" - 12"
58 NIPPLE (GRV X BEV) 3/4" - 12"
59 NIPPLE (GRV X NPT) 3/4" - 6"

Mechanical Tees



7721 MECHANICAL TEE (FPT) 2" x 1/2" - 8" x 4"
7722 MECHANICAL TEE (GRV) 2" x 1/2" - 6" x 4"

Stainless Steel



SS7 RIGID COUPLING 1-1/4" - 8"
SS7X RIGID COUPLING 10" - 24"
SS8 FLEXIBLE COUPLING 1" - 8"
SS8X HEAVY DUTY FLEXIBLE COUPLING 3/4" - 8"
SS28 HINGED LEVER COUPLING 1-1/2" - 6"
SS10 90° ELBOW 1" - 12"
SS11 45° ELBOW 1" - 12"
SS20 TEE 1" - 12"
SS21 REDUCING TEE 1-1/4" x 1" - 12" x 10"
SS21F REDUCING TEE (FPT) 1-1/4" x 1" - 12" x 10"
SS50 CONCENTRIC REDUCER 1-1/4" x 1" - 12" x 10"
SS50F REDUCING NIPPLE (FPT)
SS51 ECCENTRIC REDUCER 2-1/2" x 2" - 8" x 6"
SS60 CAP 1" - 12"
SS723 MECHANICAL TEE 1-1/4" x 1/2" - 2" x 1"
SS41 FLANGE ADAPTER CLASS 125/150 2" - 8"
SS49 SANDWICH PLATE 2" - 24"
SS80 UNIVERSAL FLANGE ADAPTER 2" - 12"
SJ400 BUTTERFLY VALVE 2" - 12" & 14" - 24"
SJ600 BALL VALVE 1-1/2" - 4"
SS726 Y-STRAINER 2-1/2" - 6"

SMART PART NUMBER MATRIX

SJT Z07 8 P E

- SJ COO PREFIX** (points to SJ)
- MODEL NUMBER** (points to Z07)
- SIZE** (points to 8): 75 = 0.75", 8 = 8", 42 = 42", 42 = 4" X 2"
- GASKET STYLE & GRADE** (points to P): GS = GAP SEAL
- FINISH** (points to E): P = PAINTED, G = GALVANIZED, B = PAINTED BLACK



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) 2-1/2" x 2" - 6" x 5"

C26 REDUCING TEE (GRV X CUP) 2" x 24" - 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 2-1/2" x 2" - 6" x 4"

C723 BRONZE MECHANICAL TEE 2" - 6"

SJC300 BUTTERFLY VALVE 2" - 6"

C726 Y-STRAINER 2" - 6"

DE30GG DIELECTRIC TRANSITION FITTING 2" - 8"

Flow Controls



725G SUCTION DIFFUSER 2" - 12"

726 Y-STRAINER 2" - 30"

728 T-STRAINER 2" - 14"

SJ200 LOW PROFILE BUTTERFLY VALVE 2" - 8"

SJ300 BUTTERFLY VALVE 2" - 24"

SJ500 BALL VALVE 1-1/2" - 6"

SJ900 SWING CHECK VALVE 2-1/2" - 12"

SJ915 DUAL DISC CHECK 2-1/2" - 12"

SJ915 DUAL DISC CHECK 14" - 24"

SJ930 HORIZONTAL SWING CHECK 2" - 4"

BH22C BRASS SWING CHECK VALVE 2" - 4"

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"

Gasket Selection

EPDM

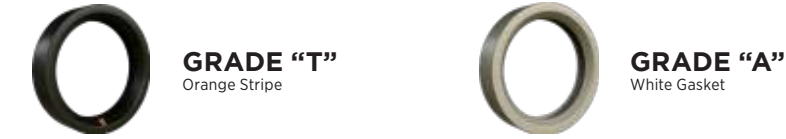
Recognized as the most water resistant rubber available today. E Grade Gaskets are UL Classified in accordance with ANSI/NSF 61 and ANSI/NSF 372 for Potable Water Service up to 180°F (82°C). Good for cold and hot water up to 230°F (110°C), waste water, water with acid, deionized water and seawater. EPDM is not recommended for use with petroleum based oils and fuels, hydrocarbon solvents and aromatic hydrocarbons. Shurjoint Grade "E" EPDM is compounded per ASTM D2000 designation 2CA615A25B24F17Z. Peroxide curing and post curing give a higher cross-link density, which provides a higher aging resistance than required in AWWA C606.



NBR, BUNA-N, AND NITRILE

All represent the same copolymer of butadiene and acrylonitrile (ACN), which is inherently resistant to hydraulic fluids, lubricating oils, transmission fluids and other non-polar petroleum based products and water less than 150°F (65°C). The higher the ACN content, the higher the resistance to oils and heat, but the lower elastic characteristics and compression set. NBR displays poor resistance to hot water and steam.

Shurjoint grade "T" NBR rubber is compounded based on ASTM D2000 designation 5BG615A14B24Z and exceeds the requirements of AWWA C606. Grade "T" is a general purpose compound with a medium ACN level. For fuels, especially those with a low aniline point, such as premium or unleaded gasoline, ASTM referenced fuels B & C and naphtha, use Shurjoint grade "M2" Epichloro-Hydrin or grade "O" Fluorocarbon.



Use Shurjoint grade "A" white Nitrile gaskets for oily and greasy food products and processing, as well as pharmaceutical and cosmetics manufacturing. The grade "A" is compounded from FDA approved ingredients (CFR Title 21 Part 177.2600).

Use Shurjoint grade "S" Nitrile gaskets for joints with AWWA ductile iron pipe. Good for mineral oils, vegetable oils, air with oil vapors and water less than 150°F (65°C).

SILICONE (VMQ)

Shurjoint grade "L" Silicone compound features high temperature range stability and low temperature flexibility. Recommended for dry heat and air without hydrocarbons up to 350°F (177°C). Silicone compounds are used in many food and medical applications as they do not impart odor or taste. 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.



FLUOROCARBON (FKM)

FKM is a highly fluorinated carbon backbone compound and offers excellent resistance to harsh chemical and ozone attack with a thermal stability to 300°F (149°C). Shurjoint grade "O" fluorocarbon gasket is recommended for use with oils, gasoline, hydraulic fluids, hydrocarbon solvents and extended fuels that fall outside the service parameters of grade T / NBR compounds. Not recommended for hot water or steam service.



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.



www.shurjoint.apollovalves.com
customer service (704) 841-6000

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aalberts piping systems



part number guide

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