

mechanical couplings

M07
quick install heavy duty rigid coupling
2" - 8"

Z07
heavy duty rigid coupling
1½" - 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
1½" x 1¼" - 8" x 6"

7707
heavy duty flexible coupling
¾" - 12"

7707N
heavy duty flexible coupling
14" - 26"

7707L
large diameter coupling
28" - 42"

G28
hinged lever coupling
1½" - 10"

C7
outlet coupling
1½" x ½" - 6" x 2½"

mechanical tees

M21
mechanical tee (FPT)
2" x ½" - 6" x 2"

7721
mechanical tee (FPT)
up to 8" x 4"

M22
mechanical tee (GRV)
2" x ½" - 6" x 2"

7722
mechanical tee (GRV)
up to 8" x 4"

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"

SS49
sandwich plate
2" - 24"

SS-80
universal flange adapter
2" - 12"

SS-41
flange adapter class 125/150
2" - 8"

C341
flange adapter class 125/150
2" - 6"

H312
flange adapter
2" - 12"

A512
flange adapter
3" - 12"

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"

grooved end fittings

7110
90° elbow
1" - 24"

7111
45° elbow
1" - 24"

7112
22 ½° elbow
1 ¼" - 12"

7113
11 ¼° elbow
1" - 12"

7118
90° elbow (GRV x MPT)
¾" - 6"

7119
45° elbow (GRV x MPT)
¾" - 6"

7120
tee
1" - 16"

7121
reducing tee
2" x 2" x 1 ¼" - 12" x 10"

7121M
reducing tee (GRV x MPT)
2" x 2" x 1 ¼" - 12" x 10"

7130
45° lateral
2" - 24"

7135
cross
2" - 8"

7137
true-y
2" - 12"

7150
concentric reducer
1 ¼" x 1" - 24" - 20"

7151
eccentric reducer
2 ½" x 2" - 24" - 20"

7150F
reducing nipple (FPT)
1 ½" x 1" - 6" - 4"

7150M
reducing nipple (MPT)
1 ½" x 1" - 6" - 4"

7160
end cap
1" - 8"

7160H
domed end cap
10" - 12"

7160P
end cap with plug
1" - 8"

7110B
90° elbow with base support
3" - 12"

7110DR
drain elbow
2" - 8"

7110LR
1 ½ D. 90° elbow
2" - 12"

7111LR
1 ½ D. 45° elbow
2" - 12"

71103D
3 D. 90° elbow

71113D
3 D. 90° elbow

54
nipple adapter (GRV x FPT)
1 ½" x 4"

55
nipple adapter (GRV x MPT)
1 ½" x 2"

56
hose nipple
1" - 8"

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"

stainless steel

SS-7
rigid coupling
1¼" - 8"

SS-7X
rigid coupling
10" - 24"

SS-8
flexible Coupling
1" - 8"

SS-8X
heavy duty flexible coupling
¾" - 8"

SS-10
90° elbow
1" - 12"

SS-11
45° elbow
1" - 12"

SS-20
tee
1" - 12"

SS-21
reducing tee
1¼" x 1" - 12" x 10"

SS-21F
reducing tee (FPT)
1¼" x 1" - 12" x 10"

SS-50
concentric reducer
1¼" x 1" - 12" x 10"

SS-51
eccentric reducer
2½" x 2" - 8" x 6"

SS-60
cap
1" - 12"

SS-50F
reducing nipple (FPT)

SS-80
universal flange adapter
2" - 12"

SS-28
hinged lever coupling
1½" - 6"

SS-723
mechanical tee
1¼" x ½" - 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
1½" - 4"

SS-726
Y-strainer
2½" - 6"

note: additional sizes, fittings and radius available, contact us for more information

copper

C305
angle pad RIGID coupling
2" - 6"

C306
reducing coupling
2½" x 2" - 6" x 4"

C307
transition coupling (IPS X CTS)
2" - 6"

C341
flange adapter class 125/150
2" - 6"

C723
bronze mechanical tee
2" - 6"

SJC300
butterfly valve
2" - 6"

C726
Y-strainer
2" - 6"

C10
90° elbow
2" - 6"

C11
45° elbow
2" - 6"

C20
tee
2" - 6"

C21
reducing tee (GRV X CUP)
2" x ¾" - 4" x 2"

C26
reducing tee (GRV X CUP)
2" x ¾" - 4" x 2"

C50
concentric reducer
2½" x 2" - 6" x 4"

C52
concentric reducer (GRV X CUP)
2" x 1" - 4" x 2"

C55
transition adapter (IPS X CTS)
2½" x 2" - 6" x 4"

C60
cap
2" - 6"

note: additional sizes, fittings and radius available, contact us for more information

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-400
butterfly valve
2" - 8"



SJ-500
ball valve
1½" - 6"



SJ-600
ball valve
1½" - 4"



SJ-900
swing check valve
2½" - 12"



SJ-915
dual disc check
14" - 24"



SJ-915
dual disc check
2½" - 12"



SJ-930
horizontal swing check
2" - 4"



BH22C
brass swing
check valve
2" - 4"



SJ-C300
butterfly valve
2" - 6"



HDPE



H305
coupling
2" - 20"



H307
transition coupling
2" - 12"



H312
flange adapter
2" - 12"



AWWA ductile iron



A505
coupling
3" - 12"



A507
transition coupling
3" - 12"



A512
flange adapter
3" - 12"



A10
90° elbow
3" - 12"



A10R
reducing elbow
4" x 3" - 12", 10"



A11
45° elbow
3" - 12"



A20
tee
3" - 12"



A25
reducing tee
4" x 3" - 12", 10"



A60
cap
3" - 12"



A50
concentric reducer
4" x 3" - 12", 10"



accessories



EHC lubricant
NSF-61
silicone-based
lubricant



SJTAPE
pipe diameter tape



grooving tools
1 ¼" - 24" OGS

full line catalog



additional sizes,
fittings and radius
available. contact us for more
information

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

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.



grade "T"
orange stripe



grade "A"
white gasket

Use Shurjoint grade "A" white Nitrile gaskets for oily and greasy food products, pharmaceuticals, and cosmetics. Compounded from FDA-approved ingredients (CFR Title 21 Part 177.2600). Use Shurjoint grade "S" Nitrile gaskets for AWWA ductile iron pipe joints, suitable for mineral oils, vegetable oils, air with oil vapors, and water below 150°F (65°C).

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.



grade "L"
red gasket

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.



grade "V"
yellow stripe

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.



grade "O"
blue stripe

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.



grade "M2"
white stripe

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 "M"
brown stripe

*used with M07 coupling

smart part number matrix

	SJT	Z07	8	P	E	
	↑	↑	↑	↑	↑	
prefix	model no.		size	finish		gasket style & grade
SJT	75 ¾"		8 8"	P painted orange		E EPDM
	42 42"		42 4" x 2"	G galvanized		T nitrile
				B painted black		O fluoro-elastomer
						GS gap seal

installation manual

Get step-by-step guidance on how to properly install Shurjoint piping components, including preparation, coupling assembly, gasket selection, torque requirements, and best practices for a safe, reliable system.



Aalberts services

We offer a range of tools and support to help your projects run smoothly from start to finish. Our team provides the resources and expertise you need to design smarter, install faster, and build with confidence. From initial planning to on-site execution, we're here to simplify every step of the process. Backed by proven experience and a commitment to innovation, Aalberts IPS delivers the partnership and performance you can rely on.

design service

More than just products, Aalberts IPS partners with you to ensure your success. Partners receive design assistance such as mechanical room and riser design, thermal expansion and load calculation, detailing, takeoffs, and much more. For immediate access, contact your Shurjoint representative.

Revit plug-in

The Aalberts Revit plug-in makes system design faster, easier, and more accurate. With instant access to our complete product library, engineers and designers can place components, update specifications, and generate submittals - all within Revit. It's a smarter way to design with Aalberts products and keep your projects up to date from concept to completion.

field service

Our commitment goes beyond supplying quality products. Whether on the jobsite, fab shop, or office, our field services team provides on-site training, installation guidance, and troubleshooting support to ensure safe, efficient, and reliable system performance. From pre-project preparation to in-field assistance and final inspections, we deliver hands-on expertise that keeps your project on schedule and built to last.

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