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**YOUR SOURCE FOR PIPE FITTINGS &
CUSTOM SOLUTIONS**

KLAMP[®]z

Grooved Piping System



- Grooved 90° Elbow
- Grooved 45° Elbow
- Grooved Tee
- Grooved Cap
- Flexible Lightweight Grooved Coupling
- Grooved Flange Adapter
- Grooved Butterfly Valve with Lever Handle



**"EXCEPTIONAL CUSTOMER SERVICE,
QUALITY PRODUCT, AND GREAT PRICING".**

KLAMPZ-GROOVED FITTINGS

Our KLAMPz grooved pipe fittings are durable and reliable piping system components. KLAMPz lightweight flexible couplings, elbows, tees, adapters, caps, gaskets, and accessories are ideal for complete piping systems for use in Water Works, Agriculture, and other Industrial applications. Some of our products offer both UL-listed and FM-approved certifications (UL/FM Approved), as well as non-UL/FM-approved versions of the same product for use in different industrial applications.

FEATURES

- Available Sizes: 1.25" - 12"-inches
- Fittings are cast ductile iron conforming to ASTM A536, Gr. 65-45-12 Ductile Iron
- Dimensions meet ANSI/AWWA C606-06
- Maximum working pressure rating of 500psi
- Center to End Dimensions are manufacture's standard
- Fittings larger than 14" may be fabricated from steel pipe to ASTM A53, Gr. B or equivalent
- Coating options: Epoxy, Paint, Dacromet, Hot-Dip Galvanized
- UL-Listed & FM-Approved versions available upon request.

GROOVED 90° ELBOW



GROOVED TEE



GROOVED 45° ELBOW



FLEXIBLE LIGHTWEIGHT GROOVED COUPLING



FEATURES

- Available Sizes: 1.25" - 14"-inches
- Flexible Couplings in straight runs should be supported as close to the coupling as possible, or within the distance of 1/6 the span, and evenly spaced.
- Pressure rated to 300psi with a maximum working pressure rating of 500psi.
- Flexible Couplings provide either axial or longitudinal movement. The available movement for roll-grooved joints is 1/2 of cut-groove dimensions per ANSI/AWWA C606-06.
- When pre-setting power nut-drivers, the following torque should not be exceeded. Excessive tightening of the nuts could result in joint failure. (Values Lbs-Ft.) 3/8"=50-59; 1/2"=81-92; 5/8"=147-190; 3/4"=177-179; 7/8"=202-221.
- Coating options: Epoxy, Paint, Dacromet, Hot-Dip Galvanized.
- Available in both UL/FM Approved and non-UL/FM versions.

FEATURES

- Available Sizes: 2" - 12"-inches
- UL-Listed & FM-Approved
- A hard metal washer is required between the Model K41 gasket and any rubber mating surface, i.e. wafer and lug butterfly valves, flexible connectors, etc.
- Two factory-supplied closure bolts are included with Model K41 Flange Adapter.
- The Model K41 Flange Adapter should not be used as an anchor point for tie-rods on unrestrained joints.
- When mounting the Model K41 Flange Adapter to valves, assure that there is adequate clearance between the flange and valve handle, operator, etc.

FLANGE ADAPTER



GROOVED CAP



FEATURES

- Available Sizes: 1" - 12"-inches
- The maximum working pressure rating of 500psi
- Model K60 are cast ductile iron conforming to ASTM A536, Gr. 65.45.12.
- Dimensions adhere to ANSI/AWWA C606-06.
- Coating options: Epoxy, Paint, Dacromet, Hot-Dip Galvanized.
- UL-Listed & FM-Approved

FEATURES

- Pipe nipples are cut-grooved per ANSI/AWWA C606-06.
- Pressure ratings are dependent upon the coupling selected.
- Nipples are manufactured from steel pipe to ASTM A53 Gr.B, Sch.40
- Other sizes and lengths are available upon request.

GROOVED PIPE ADAPTER NIPPLES

