

**ROMAC INDUSTRIES, INC.**  
**FLEXIJOINT FLEXIBLE BALL JOINT RESTRAINT FITTING**  
**MECHANICAL JOINT ENDS 3" THROUGH 24"**  
**SUBMITTAL INFORMATION**

<b>USE</b>	The FlexiJoint is a flexible ductile iron fitting, developed to accommodate pipeline forces that would otherwise result in damaged pipe or loss of service. The FlexiJoint is designed to compensate for expansion, contraction, rotation, bending and settlement of your pipeline all at the same time, with one fitting. Designed for use in buried applications or above ground service.
<b>MATERIALS</b>	
Castings	The Casing, Ball and Sleeve are cast of ductile (nodular) iron, meeting or exceeding ASTM A 536, Grade 65-45-12.
MJ Ends	Mechanical Joint ends meet the dimensional requirements of either ANSI/AWWA C111/A21.11 or ANSI/AWWA C153/A21.53 depending on size. Standard MJ gasket is used with this fitting. Transition gaskets may be used for iron pipe size pipe.
MJ Restraint	To securely fix MJ ends of the FlexiJoint, Romac Grip Rings (for DI, C900 OR IPS PVC) or Roma Grip (for DI or 3"-12" IPS steel) can be supplied.
Lock Ring	Series 400 stainless steel. Limits expansion and contraction of FlexiJoint up to maximum working pressure.
Ring Gaskets	Ring gaskets are made of dual durometer Ethylene Propylene Diene Methylene rubber (EPDM) compounded for water and sewer service.
Casing Covers	Covers are made of Ethylene Propylene Diene Methylene (EPDM) compounded for water and sewer service.
Bolts and Nuts	Standard MJ tee-bolts and nuts are used with this fitting. See ANSI/AWWA C111/A21.11 for specifications.
Coatings	The entire fitting is lined and coated with fusion bonded epoxy, applied and tested in accordance with AWWA C213. All exposed exterior surfaces are 12 to 18 mils.
Protective Sleeve	Polyethylene sleeve, 8 mils thick to cover entire FlexiJoint assembly after installation. Provided with flexible rubber bands to secure to pipe ends and FlexiJoint.
<b>PRESSURE</b>	When properly installed the Flexijoint can be used at working pressures up to 350 psi.
<b>FM Approved</b>	3 inch through 12 inch.
<b>SIZES AND TYPE</b>	See Catalog.

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This information is based on the best data available at the date printed above, please check with Romac Engineering Department for any updates or changes.