

# Global-Flex Mfg.

1580 Charles Drive Redding, CA 96003

## EJEP

**EXTERNALLY PRESSURIZED EXPANSION JOINTS, ARE DESIGNED WITH AN UNCOMPROMISING STANDARD OF QUALITY, FOR YEARS OF MAINTENANCE FREE OPERATION IN DISTRIBUTION PIPELINES CONVEYING LIQUIDS OR GASES**

<p><b>FLANGES</b> - To insure pressure tight sealing, raised face slip on flanges in full compliance with ANSI B 165 are standard. Flange material is either ASTM A-105 (Forged) or ASTM A36 (Plate). Lap joint flanges can be furnished as an option to permit easy alignment of bolt holes. Alloy ends are available where additional corrosion resistance may be required.</p>		<p><b>INTERNAL/EXTERNAL GUIDES</b> - Guide rings are welded to inner end of pipe and outer cover. They are designed to provide accurate guiding of bellows as the pipeline expands or contracts. This insures bellows will not be scored or subject to movement for which it was not designed to accommodate.</p>
<p><b>COVER</b> - Designed for full line pressure to insure in the unlikely event of a bellows failure media will not escape radically outward.</p>		<p><b>BELLOWS</b> - Single or multiply bellows are precision formed from cylinders of deep drawn quality annealed sheet conforming to ASTM specifications. Type 304 is standard and suitable for most chloride-free applications such as steam, condensate, oil, chill water. Where chlorides may be present, Inconel 600 bellows should be specified.</p>
<p><b>DRAIN</b> - Provides a convenient location for installing a steam trap. May also be used to drain liquids when pipeline is shut down.</p>		
<p><b>BASE</b> - Standard on double designs, optional on single designs. Base is designed as a support or intermediate anchor. Main anchor base designed for full pressure thrust loading is optional.</p>		<p><b>INTERNAL LINER</b> - Carbon steel pipe liner standard and designed to prevent bellows fatigue failure due to flow induced vibration.</p>
<p><b>AVAILABLE</b> - Single and double units for axial compression up to 16 inches. 150 and 300 lb design.</p>		
<p style="text-align: center;"><b><u>FIVE YEAR WARRANTY</u></b></p> <p>Global-Flex style EJEP are warranted to be free of defects in material and workmanship under normal use and service for a period of 5 years from the date of shipment. This warranty applies only to parts which are manufactured and delivered by Global-Flex Mfg.</p> <p>In the event of failure of a part due to a covered defect, Global-Flex Mfg. will repair or replace at its option the defective part at its factory located at 1580 Charles Dr., Redding, Ca. 96003. The part must be returned to the factory by and at the expense of the person claiming the benefit of the warranty. The only entity authorized to do any warranty repairs is the manufacturer.</p> <p>This warranty is expressed in lieu of all other warranties, expressed or implied, including the implied warranty of fitness for a particular purpose, and of all other obligations or liabilities on the part of Global-Flex Mfg. and it neither assumes nor authorizes any other persons to assume for Global-Flex Mfg. any other liabilities in connection with the sale of the products. This warranty does not cover parts of products made by others or products or any part thereof which have been repaired or altered, except by Global-Flex Mfg. or which shall have been subjected to misuse, negligence, or accident.</p> <p>Global-Flex Mfg. shall not be liable for damage or delay suffered by the purchaser regardless of whether such damages are general, special, or consequential in nature, whether caused by defective material or workmanship or otherwise or whether caused by Global-Flex Mfg. negligence regardless of the degree.</p> <p>** copy -WARRANTY12-08.DOC</p>		