


**711, 100HT, AND OTHER CONNECTORS WITH
INTEGRAL FULL FACE RUBBER FLANGES
OPERATION, INSTALLATION & MAINTENANCE INSTRUCTIONS**

1. Before installation, check the interior, exterior and flange faces of the expansion joint for cut or gouges.
2. Install at the face to face dimension shown on the drawing. Make sure the mating flanges are clean and are standard steel flat faced, or no more than 1/16" raised face type. **Do Not Use Gaskets.**
3. Do not bolt directly to another component with an elastomer face or to a specialty flange such as the Victaulic® type without inserting a solid full face metallic gasket.
4. Cross tighten the bolts using sufficient torque to cause the O.D. of the rubber flange to bulge between the retaining rings and the mating flange. **NOTE - Due to the rubber's tendency to relax after initial tightening, it is necessary to retighten the flange bolts, typically within 1 week of initial installation.**
5. If bolt threads are facing the joint, trim the length of the bolts so they do not extend past the nut more than 1/8" to avoid contact with the joint.
6. Washers must be used at the split in the retaining rings.
7. **For piping that is not anchored control rods must be used.**
8. Do not paint or insulate joints without consulting factory.

Additional Tips

- A. **Storage** - Ideal storage is a warehouse with a relatively dry, cool location. Store flange face down on a pallet or wooden platform. Do not store heavy items on top of an expansion joint. Ten year shelf-life can be expected with ideal conditions. If storage must be outdoors joints should be placed on wooden platforms and should not be in contact with the ground. Cover with a tarpaulin.
- B. **Large Joint Handling** - Do not lift with ropes or bars through the bolt holes. If lifting through the bore, use padding or a saddle to distribute the weight. Make sure cables or forklift tines do not contact with rubber. Do not let expansion joints sit vertically on the edges of the flanges for any period of time.
- C. It is acceptable (but not necessary) to lubricate the expansion joint flanges with a thin film of graphite dispersed in glycerin or water to ease disassembly at a later time.

CUSTOMER _____ PROJECT _____ ENGINEER _____ ARCHITECT _____ PRO. OR P.O. NO. _____				
	DESCRIPTION: 100HT (Spool Type) & 711 (Wide Arch) Operation, Installation & Maintenance Instructions			
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