

Rubber Flexible Connectors

Installation, Operation & Maintenance

Preparation

Before installation, check the interior, exterior, and flange faces for any defects. Be sure that the connections are clean and free of any particles, debris, grease, or other contaminants.

Installation

NOTE * UNDER NO CIRCUMSTANCES ARE FLANGE BOLTS TO BE USED TO STRETCH THE CONNECTOR INTO CONTACT WITH A MATING FLANGE*****

1. Install at face to face dimensions shown on the drawings. Installation at different lengths than published can lead to premature failure. Tolerance for overall length and misalignment is 1/8".
2. Do not use gaskets, they are not required.
3. If bolt threads are facing the connector, trim them so that not more than 1/8" protrudes so as not to make contact with the connector. Using plated steel washers between the nut and flange is recommended.
4. Torque bolt- The following bolt torque is recommended: 1"-2" = 45ftlb, 2-1/2"-8" = 60ftlb, 10"-24" = 80ftlb. It is necessary to retighten the bolts after 24 hours due to relaxing properties of the rubber.
5. Control rods- Control rods should be used if the connectors are not properly anchored on both sides. The control rods should be installed to allow movement that is less than or equal to the published maximum extension or elongation. If the connector is subject to compression, additional nuts may be required to ensure compression greater than published cannot happen.
6. DO NOT paint or insulate the connectors, except when using Hypalon as a UV protectant.

Testing

The connector can be tested once, to no more than 1.5 times standard pressure rating. Ensure that operating pressure and temperatures do not exceed what is allowable.

Storage

The connectors must be stored in a clean dry space, free from debris and contaminants. Connector should be stored flange down, on a clean flat space.

Maintenance

While no physical maintenance is required, the connector should be visually inspected periodically for leaks or any damage by outside forces.

JOB NAME _____
LOCATION _____

CONTRACTOR _____
CONTRACTOR P.O. NO. _____

ITEMS	QUANTITY
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____



1005 E. Houston
Broken Arrow, OK 74012
Toll Free: 866-204-5229
PH: 918-317-0401
FAX: 918-317-0407
www.wheatleyhvac.com
e-mail: sales@globalflowproducts.com