



Expansion Joints Department

February 27, 2012

Subject: Garlock Expansion Joints Installed on Raised Face Flanges

As per Garlock's literature for expansion joints, it is recommended that rubber expansion joints be mated to a flat face flange. This is because these flanges give the most surface area to seal against. It is allowable however to mate Garlock's rubber expansion joints with no modifications against a raised face flange, if the raised face is 1/16" or less. The rubber flange face will conform to the raised face and seal with no problems. If the raised face is larger than 1/16", Garlock recommends that a ring gasket be installed outside of the raised face to create a flat sealing surface for the expansion joint.

Again, there is no gasket needed if these expansion joints will seal against a flat face flange or a raised face flange that is 1/16" or less. Please let me know if you have any other questions.

Thanks,

Stephen Cramb

Application & Project Engineer

Expansion Joints

Garlock Sealing Technologies

an **EnPro** Industries company

1666 Division Street | Palmyra, NY 14522 USA

Office: (315)597-3979 | Fax: (800)543-0598

stephen.cramb@garlock.com | www.garlock.com