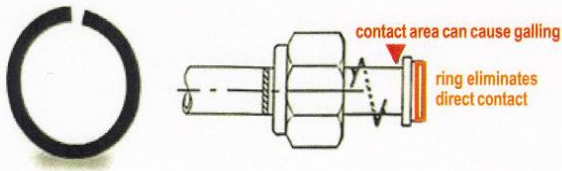


PRODUCT ILLUSTRATION:



OVERVIEW

Rotary-action-transfer during assembly is one of the most common problems with the standard VCR-style design. As the female (or in some cases, the male) nut is tightened it contacts the rear of the fitting flange as it rotates. This can rotate the gland/gasket causing problems.

The female nut is plated with silver to lubricate this area. The silver is generally covered with a wax to prevent tarnishing. The male nut is not plated. Normally this plating works fairly well. However, it can be removed either through electropolishing or with repeated use. Being soft it wears easily.

When this occurs we again have the stainless to stainless contact, which has the potential to gall. In the case of female-internal bead seals such as are on some regulators the male nut is tightened during assembly. Since it is unplated galling can be severe.

The Hy-Tech Anti-Torque Ring is a simple and inexpensive solution to the problem. Its split design can be used on either assembled or disassembled female and male nuts.

PROBLEM SOLVING!

- Lower Costs!
- Reduces Downtime!
- Better System Performance!

CASE STUDY

Technical Notes for 1/4" and 1/2":

Fact: In making-up Swagelok VCR-Style[®] fittings, torque can be transmitted from the female nut to the gland and the gasket.

Problem: Torque transmission can cause misalignment, tube twisting, gasket particulation and degradation of seal integrity.

Solution: Use Hy-Tech's Anti-Torque Split Ring coated with a proprietary PTFE formula to reduce problems and to save costs.

PRODUCT FEATURES:

- Reduces rotatory action transfer
- Can be used on either assembled or disassembled female and male nuts
- Material - PTFE coated stainless steel
- Temperature rating = 650 degrees F

PRODUCT BENEFITS:

- Reduces bead damage
- Inexpensive
- Effective
- Simple and Safe!

PRODUCT INFORMATION - CALL FOR PRICING!

Part Number / Description

4-ATR-X40
1/4" & 3/8" Fittings
8-ATR-X40
1/2" Fittings