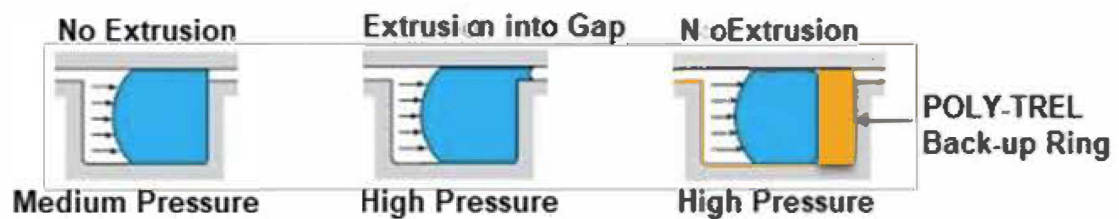
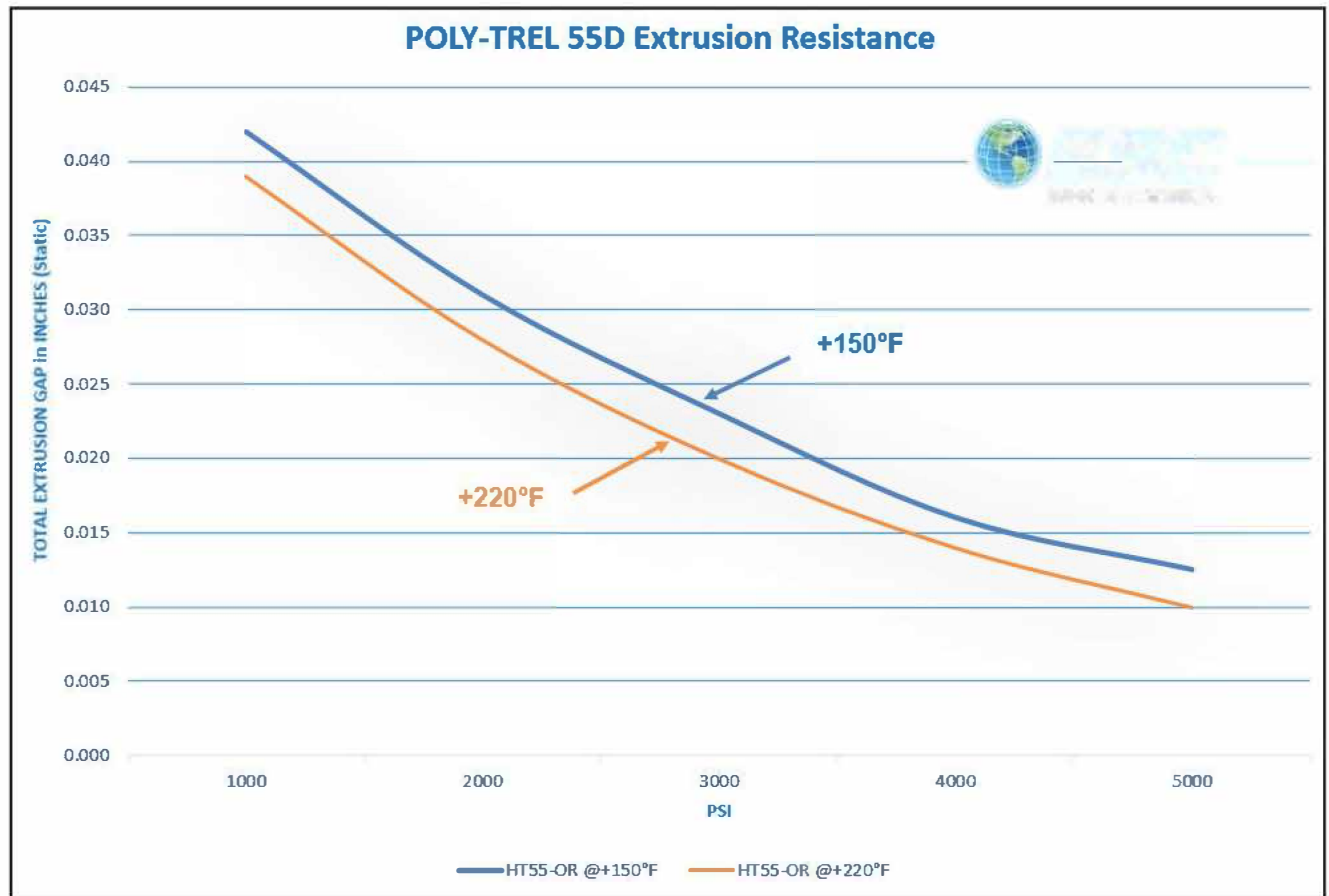




# POLY-TREL BACK-UP RING EXTRUSION DESIGN GUIDE

## POLY-TREL HT55-OR Extrusion Resistance at +150F and +220F



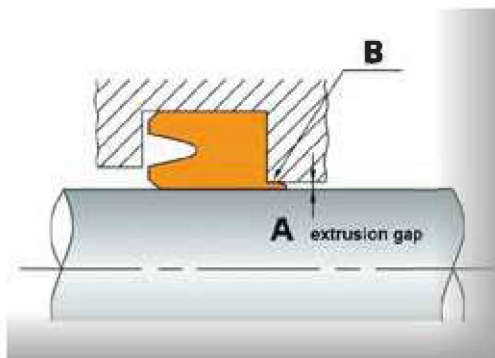
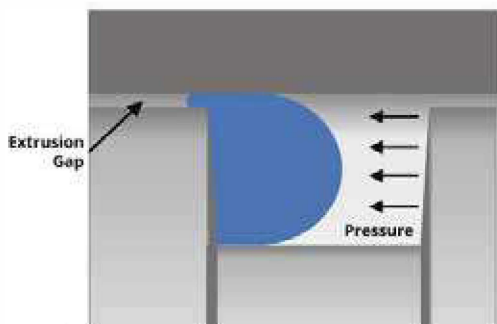
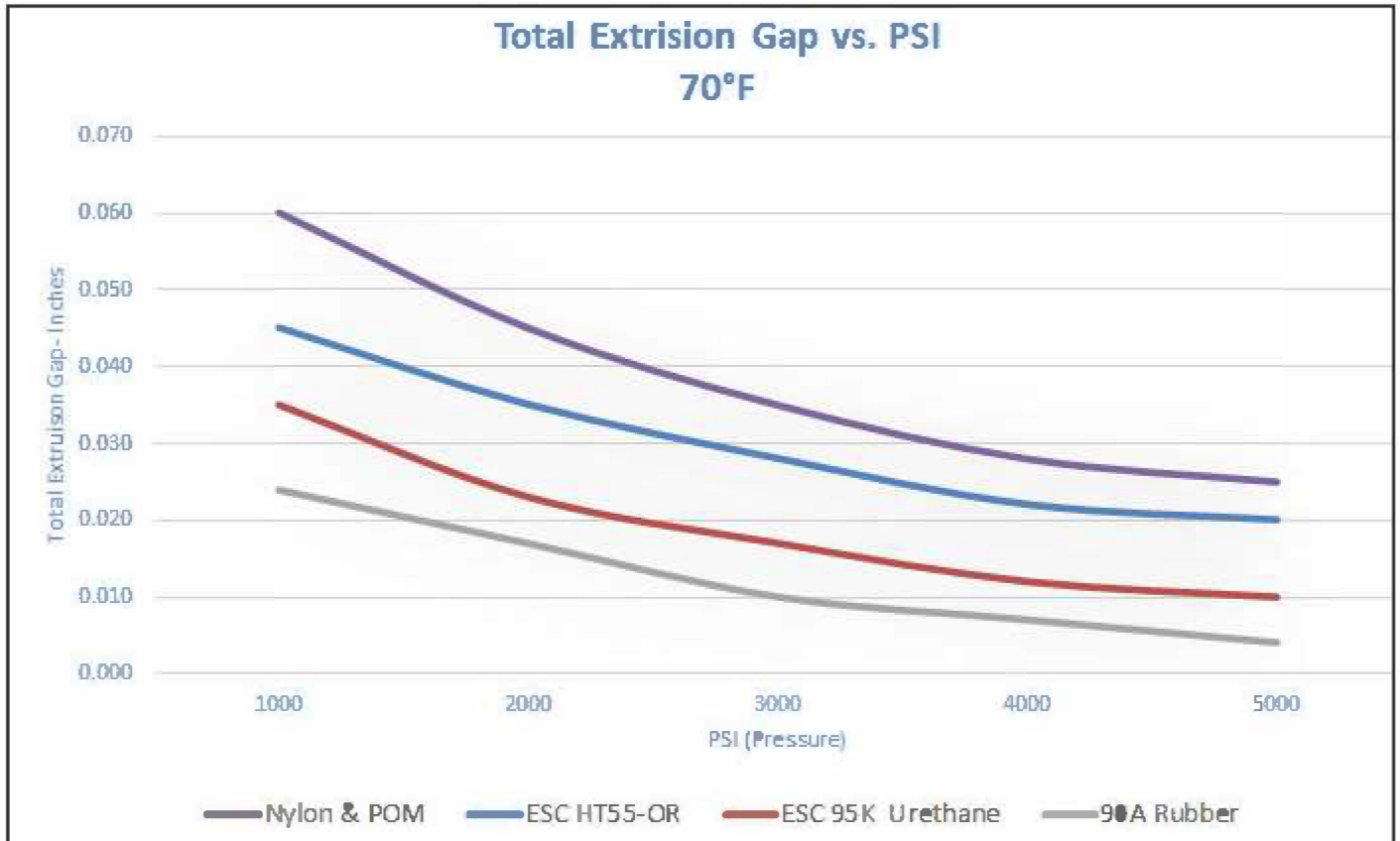
**O-Ring Deformation Under Pressure With and with out Back-up Ring**

Above data was acquired in a test laboratory. No side load, shock loads, or dynamic motions were applied. Your results may be different. This information is to be used as a guideline only. It is always good practice to test in actual or specific conditions and application.



# BACK-UP RING EXTRUSION DESIGN GUIDE

## Extrusion Resistance at +70F



Whatever the seal type there is always a need for a back-up ring. The chart above helps you determine the compound you should use.

Dissimilar materials work the best.

Above data was acquired in a test lab. No side loads, shock loads, or dynamic motions were applied. Your results may be different. This information is to be used as a guideline only. It is always good practice to test in your specific conditions and applications.