

ORD Problem Solved!



Success Story

Application:

A large electrical power plant in Mexico was experiencing issues with the adherence of an O-ring used to seal the area between a cap and water pipeline. This particular pipe supplies water to different areas of the plant in order to produce electricity, reaching temperatures from 122°F all the way up to 176°F.

Problem:

The customer was using a common adhesive to glue the seal to the cap. Because the cap weighs almost 6 tons, there were areas where the existing adhesive didn't work. This problem caused movement of the seal when fitting it on the cap.

Parker Solution:

Parker recommended the customer try IA04, an instant adhesive from the O-Ring Division's adhesive and sealant product line. IA04 is a general purpose instant adhesive specifically created for use on metal, rubber and plastic. It has a medium viscosity making it easy to work with and possesses quick cure time versus other, more common adhesives.

Outcome:

The customer tested the adhesive in their application and were pleased to find IA04 provided a more thorough adhesion between the seal and the pipe's cap.



Parker offers a wide range of instant adhesives, threadlockers, retaining compounds, thread sealants, instant gaskets and activators. For more information on Parker's Adhesives and Sealants Product Line, contact customer service at 859-335-5100 or one of our applications engineers at 859-335-5101.