# Case Study: GYLON EPIX® 3510 - Monomer Producer

## INDUSTRY
Chemical

## CUSTOMER
Monomer Producer

## BACKGROUND
The customer is a producer of monomers and other feed stocks for the manufacture of coatings, adhesives and sealants.

## CHALLENGES FACED
The customer's maintenance personnel had been using virgin PTFE and spiral wound gaskets but with no predictable reliability. Leakage issues, prompted the search for better sealing solutions. Ideally they desired one gasket to be used in all applications which included monomers, strong caustics and acids.

## OPERATING CONDITIONS
Temperature: 50°F (10°C) - 70°F (21°C)
Application: Class 150 raised face flanges with ring gaskets
Media: Meth-acrylic, acrylic, hypo-phosphorous, 25% sodium hydroxide which is diluted 50% with water and methanesulfonic acid (MSA). MSA is considered particularly aggressive.
Pressure: 50 psig to a maximum of 60 psig (3.4 bar-g to 4.1 bar-g)
Sizes: Nominal pipes sizes of 1", 1-1/2", 2", 3", and 4"

## SOLUTION AND BENEFITS
GYLON EPIX® 3510 was installed in June of 2018 and is still performing reliably and without leaks. GYLON EPIX® 3510 has helped to decrease the number of gaskets needed to seal the range of service conditions.

For more information, please visit:
http://www.garlock.com

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