

GYLON EPIX® Style 3504

Case Study: Phosphate processing



Industry

Chemical

Customer

Phosphate processor

Background

Pump inlet and discharge flanges

Challenges faced

Using glass filled PTFE. The flange surfaces were being filled with epoxy when maintenance assessed the surfaces condition to be undesirable. Plant personnel wanted to do away with the use of epoxy on the flanges.

Operating Conditions

1. Media: 25% sulfuric acid and some hydrogen peroxide
2. Temperature: 40 °C
3. Pressure: 4 kg/cm²
4. Size: DN200 PN10 (8"-150#)"

Solution and Benefits

Through close collaboration with the customer, it was determined that the best solution would be the new GYLON EPIX® Style 3504. Installation of 8" ring gaskets was complete without special handling using the plant's standard practices.

For more information, please visit:

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