

Case Study: GYLON EPIX™ 3504 Mining



INDUSTRY

Mining

CUSTOMER

Copper Mining

BACKGROUND

Constant leaks with traditional gasket products

CHALLENGES FACED

FKM rubber and ePTFE gasket materials had been traditionally used. Usual performance is leak tight seal at installation followed by leaks. Joint is retightened. This cycle is repeated a number of times until the gasket no longer seals.

OPERATING CONDITIONS (1)

Water with some solids

Temperature - 50°F to 104°F (10°C to 40°C)

113 psig (780 KPa)

24" Class 150, HDPE Stub

End Flanges with Metal Backers

OPERATING CONDITIONS (2)

Water with some solids

Temperature - 50°F to 104°F (10°C to 40°C)

113 psig (780 KPa)

24" Class 150, HDPE Stub

End Flange with Metal Backer Mated to Flat Face Metal Flange

SOLUTION AND BENEFITS

Customer installed the GYLON EPIX™ 3504 24" Ring Gaskets. Since initial assembly there has been no special care or retightening. The customer has not experienced any leakage issues since GYLON EPIX™ was installed.

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

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