

# 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>