

# Case Study: GYLON EPIX® 3510 Pulp and Paper



## INDUSTRY

Pulp and Paper

## CUSTOMER

International Pulp and Paper Mill

## BACKGROUND

Customer is an international manufacturer of colored paper and paper boards.

## CHALLENGES FACED

Pumps with high vibration caused the flat face discharge flange to leak. The customer had tested many gasket types with similar results and no performance improvement. The mill was struggling with the need to change out expanded PTFE gaskets every one to two months which interrupted production with unscheduled downtime causing unnecessary costs.

## OPERATING CONDITIONS

Size – 2" Class 150 full face gasket

Temperature - 150°C (302°F)

Application - 2" Class 150 flat face pump discharge flange

Media - White Liquor

Pressure - 25 bar (363 psig)

## SOLUTION AND BENEFITS

GYLON EPIX® Style 3510 was installed in September of 2018 and was performing well nearly 18 months later. The gasket was replaced with the same product, GYLON EPIX® Style 3510 during regularly scheduled maintenance. By changing to GYLON EPIX® the gasket life has been extended by over 10 times that of the original expanded PTFE gaskets, saving the mill time and money from unnecessary and unscheduled down time.

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

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