

Case Study: GYLON EPIX® 3504 Global Beverage Company



INDUSTRY

Food & Beverage

CUSTOMER

Global Beverage Company

BACKGROUND

This company is a global processor and provider of beverage products.

CHALLENGES FACE

The customer's chemical treatment vessel has non-standard rectangular flanges with a limited number of bolts. The limited bolting resulted in inadequate compression to seal the gasket and the non-standard shape made the use of a molded engineered gasket unfeasible. When tested, expanded PTFE leaked. There was no alternative known at that time so the mess of crystalized leaking media was accepted as normal.

OPERATING CONDITIONS

Temperature – 86°F (30°C) - 104°F (40°C)

Application – Custom rectangular flange

Media – Dilute Caustic Soda

Pressure – 50 psig (3.5 barg)

SOLUTION AND BENEFITS

GYLON EPIX® 3504 was installed in May of 2018 and continues to seal with no leaks as of November, 2019. The raised features of GYLON EPIX® and its availability in sheet form overcame the problems of limited bolting and the rectangular custom shape. GYLON EPIX® also helped eliminate caustic crystal build up.

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

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