

TEADIT[®] 24B CASE HISTORY

Industry:

Chemical

Application:

Flue Gas Desulfurization

Equipment:

Flue Gas Canal



SCENARIO

Halar-coated steel flange connections were unsuccessfully utilizing an ePTFE gasket tape and experiencing leaks. The end user was perplexed by the issues because they knew that the ePTFE material was chemically resistant to almost any process media and was often recommended for flanges like the halar-coated steel that require careful handling and low stress to seal materials. Upon opening the flanges it was immediately apparent that incorrect installation methods, combined with a low quality tape, which was also too thin, led to the leaks and also contributed to some identified flange damage.



SOLUTION

Teadit 24B joint sealant was recommended and Teadit field and technical support offered to work directly with maintenance personnel during shut down to provide training and oversee the installation.

CUSTOMER GAINS

By utilizing the higher quality Teadit 24B sealant and incorporating installation best practices, the customer was able to generate a tight seal on their flanged connections, eliminating leaks and other related issues. The customer has since enjoyed several years of leak free operation!