



Data / Specification Sheet

HTF Filler (High Temperature) SWG

Description

This material is used as a High Temperature Filler Material for Spiral Wound Gaskets.

HTF (High Temperature Filler) is a proprietary non-asbestos material based upon Mica, Silicon Resin and Glass Reinforcement intended for service at Operating Temperatures up to 1000 degrees centigrade.

Employed principally on applications involving Low Pressure Dry Gases, Gaskets utilising HTF Filler have been proven to be capable of sealing gases at pressures of 200 bar under laboratory conditions

Standard Profiles

The following Spiral Wound Gaskets are available with HTF Filler:-

SE = Sealing Element Only (Winding & Filler)

IR = Sealing Element with Inner Ring

OR = Sealing Element with Outer Guide Ring

ORIR = Sealing Element with Inner & Outer Rings

Gasket Selection

Styles SE & IR—Enclosed Flange Types

Styles OR & ORIR—Raised face or Full Face Flange Assemblies

Style OR—Pipe Classes 150lb / 300lb / 600lb

Style ORIR— Pipe Classes 150lb / 300lb / 600lb / 900lb / 1500lb / 2500lb

Properties

When used in conjunction with suitable Winding Strip Grades its operating limits are:-

Min Ops Temperature 250 c

Max Ops Temperature 1000 c

When used in conjunction with suitable Winding Strip Grades it is resistant against the following common media:-

Hot Oil / Acids / Fuels / Alcohols / Esters

It is NOT RECOMMENDED for use with:-

Sulphuric Acid / Phosphoric Acid / Hydrofluoric Acid

Flange Surface Finish

The recommended surface finish of the flange faces, between which a Spiral Wound Gasket is to be mounted is:-

3.2—6.3 umra or 125—250 rms

This is also referred to as smooth gramophone finish.

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Block 1, Unit 10, Souterhead Industrial Estate, Altens, Aberdeen, Grampian, UK, AB12 3LF

Phone Number:- 01224 249414

Fax Number:- 01224 248948