

BELPAGRAF MULTILAYER

PURE EXPANDED MINERAL GRAPHITE WITH SS 316

MULTILAYER FOILS FOR HIGH CONDITIONS

Pure high grade expanded mineral graphite laminated with AISI 316 stainless steel foils insertion for gasket applications. Due the foils of stainless steel final product has got a excellent chemical resistance, heat resistance and best creep strength.

Furthermore as high tightness effectiveness, do not need to be re-tightened, by this is the solution at high pressure and temperature services (>550 °C and 200bar). Excellent resistance to steam.

High blow resistance, mechanical strength and useful for high gasket stress.

Meets most refinery, petrochemical and industrial service requirements for long time periods and a wide range of temperatures. It meets API 607 FIRE SAFE TEST requirements.

Grade for high pressures and temperatures, OEM (Gasket material for Boilers, vessels, valves, equipment and others).

TECHNICAL DATA

Density of graphite(±10%): 1.0 g/cm³

Compressibility ASTM F-36 A : 35%

Elastic recovery ASTM F-36 A : 10%

Gas permeability DIN 3535 < 1 cm/min

Carbon Content > 98%, S (ppm)<1000, Cl (ppm) <50

T°(C) x P (bar) = -200°C to 550°C x 200 BAR

Foil details: 316(L)-0.05 mm thickness.

1.5mm(2 foil), 2.0 mm(3f), 3.0 mm(5f), 4.0mm (7f)



APPLICATIONS

Refinery, petrochemical and industrial applications.

Universal gasket material for Boilers, vessels, valves, equipment and others.

PROPERTIES

Excellent chemical resistance.

Universal gasket included steam.

High blow resistance, mechanical strength and useful for high gasket stress.

No-aging.

API 607 FIRE SAFE TEST

SIZE (mm):1500x1500

THICKNESS:1.50,2.00,3.00,4.00

*Thicknes/width&length tolerance (0.2mm./4mm)