



Thermiculite 815

(Particolari/Guarnizioni realizzate con processo di taglio da lastra con queste caratteristiche)

THERMICULITE® 815 is comprised of a tanged 316 stainless steel core faced with a high performance vermiculite based sealing material. The metallic core provides improved blow out resistance, handling and cutting characteristics.

THERMICULITE® 815 is suitable for use in a wide range of sealing applications. The material is capable of effecting a high integrity seal at extremes of temperature. Typical applications involve sealing superheated high pressure steam, strong oxidising media and high temperature gas & exhaust systems.

Maximum recommended temperature: 1050°C

Maximum service pressure: 200bar

API607 Fire-Safe

Typical Physical Properties:

Thickness	1.5mm	3.0mm
Facing Density	1.2gcm ³	1.2gcm ³
ASTM F36A Compressibility	44%	44%
ASTM F36A Recovery	9%	8%
BS 7531 Gas Permeability	0.13mL/min	0.17mL/min
BS 7531 Stress Retention @ 300°C	31MPa	17MPa
Sulphur Content	< 50ppm	< 50ppm
Chloride Ion Content	< 50ppm	< 50ppm

Do NOT use gasket pastes.

GASKET FACTORS:

m = 2

Y = 17,25 MPa