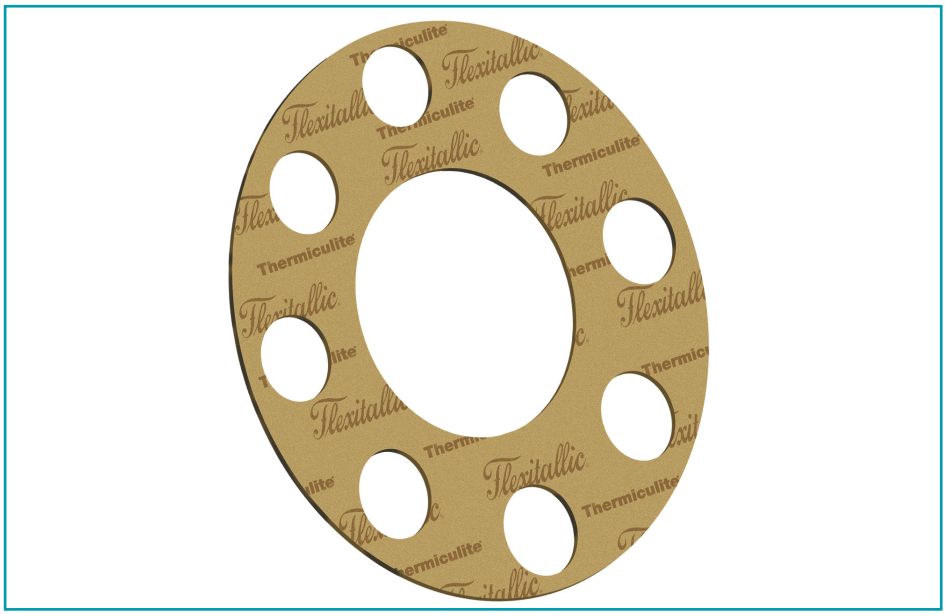
FLEXITALLIC THERMICULITE® 815

Seaco | group
The sealing company



API607 Fire-Safe

Availability

Sheet size:	1.0 m x 1.0 m
	1.5 m x 1.5 m
Thickness range	1.0 mm to 3.0 mm
Colour: Golden	

Typical Physical Properties

Thickness	1.5 mm	3.0 mm
Facing Density	1.2 g/cm^3	1.2 g/cm^3
ASTM F36A Compressibility	44 %	44 %
ASTM F36A Recovery	9 %	8 %
BS 7531 Gas Permeability	0.13 mL/min	0.17 mL/min
BS 7531 Stress Retention @ 300^{0}C	31 MPa	17 MPa
Sulphur Content	< 50 ppm	< 50 ppm
Chloride Ion Content	< 50 ppm	< 50 ppm

Thermiculite® 815 is a high temperature, chemical resistant sheet sealing material comprising exfoliated vermiculite reinforced with a tanged stainless steel core.

Service

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 temperatur:	1050 ^{0}C (1920 ^{0}F)
Maximum service pressure:	20MPa (200 bar; 2900 psi)
Materials:	
Facing material:	Thermiculite®
Reinforcement:	Tanged 316 Stainless Steel
Bond Type:	Mechanical

Waranty exclusion
In view of the variety of different installation and operation conditions as well as application and process engineering options, the information given in this datasheet can only provide approximate guidance and cannot be used as basis for warranty claims.