

Thermiculite 715

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

THERMICULITE® is a high performance coreless material suitable for use in a wide range of demanding and general industrial sealing applications. The material possesses excellent resistance to most chemical media and is suitable for sealing steam, acids, alkalis and virtually all general industrial chemicals.

Maximum recommended temperature: 540°C (Continuous 450°C)

Maximum recommended pressure: 140 bar

Typical Physical Properties:

Thickness	1.5mm
Density	1.8gcm ⁻³
ASTM Compressibility	10%
ASTM Recovery	45%
BS Stress Retention @ 300°C	25MPa
BS Gas Permeability	< 0.1mL/min
ASTM Tensile Strength	9MPa
Thickness Increase ASTM Oil 3	1.4%
Thickness Increase ASTM Fuel B	0.2%
Weight Increase ASTM Oil 3	17.7%
Weight Increase ASTM Fuel B	11.3%
ASTM F38 Creep Relaxation	42.9%
ASTM F37 Liquid Leakage (Fuel A at 10 psi; Gasket Stress 1000 psi)	1.4mL/hour
ASTM F37 Liquid Leakage (Fuel A at 50 psi; Gasket Stress 1000 psi)	12.3mL/hour
Thermal Conductivity	0.3W/m/K

Do NOT use gasket pastes.