



Thermiculite® 714 is an acid resistant calendered sheet sealing material reinforced with a blend of organic and inorganic fibres and bound in a specially formulated synthetic rubber binder matrix

Service

THERMICULITE® 714 is specially recommended for use in applications where mineral acids have to be sealed. It gives excellent performance in concentrated sulphuric and hydrochloric acids and can be used to seal nitric acid at concentrations up to 50% and temperatures up to 65 °C.

THERMICULITE® 714 can also be used to seal a wide range of chemicals including oils, fuels, solvents, alkalis, water and steam.

Maximum recommended temperature: 200 °C (390 °F)

Maximum recommended pressure: 6.0 MPa (60 bar; 870 psi)

These temperature and pressure guides cannot necessarily be used simultaneously and may not apply at all thicknesses.

TA-LUFT approved.

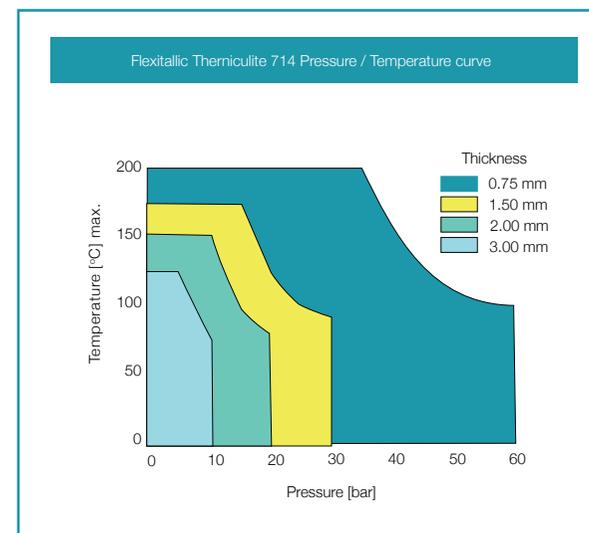
Do NOT use gasket pastes

Availability

Sheet size:	1.5M x 1.5M
Thickness range:	0.5mm – 3.0mm
Colour:	White

Typical Physical Properties

Thickness	1.5mm
Density	1.57 -g/cm ³
ASTM Compressibility	7%
ASTM Recovery	50%
ASTM Tensile Strength	10MPa
DIN Stress Retention	(175 °C) 25MPa
DIN Gas Leakage	0.05 ml/min
Thickness Increase:	
96% Sulphuric acid	10% Max
50% Nitric acid at 65°C	8% Max.



Warranty 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.