

## PRODUCT DESCRIPTION

MICATHERM S15 is a flexible Mica sheet, reinforced with a SS316L tanged core. Manufactured by Planichem, this Micatherm sheet material is recommended for high-temperature applications up to 1000°C and offers excellent thermal stability, electrical insulation, and resistance to oxidation at high temperatures.



TYPICAL PHYSICAL PROPERTIES	
Thickness	1.5mm
ASTM compressibility	30%
ASTM recovery	40%
BS stress retention at 300°C	25N/mm <sup>2</sup>
DIN stress retention at 300°C	35N/mm <sup>2</sup>
DIN gas permability	0.39ml/min
AVAILABILITY	
Sheet size	1MT x 1MT
Thickness	From 1mm – 3mm
TOLERANCE	
On dimensions	+/-50mm
On thickness	+/-10%

*Temperature and pressure values cannot be reached simultaneously. This technical data sheet is a result of laboratory tests. E.Dobson & Co is issuing this data sheet as a pure informative document. More details and information are available from our technical department.*