



PRODUCT REFERENCE: **FLEXSEALS 280**

DESCRIPTION: FLEXSEALS 280 is an aramid fibre based sheet sealing material bound with a high quality nitrile rubber.

COLOUR: BLACK

SERVICE: FLEXSEALS 280 is suitable for use across a broad spectrum of industrial applications involving steam (including super-heated steam), water, oils, solvents, fuels, gases, general chemicals, dilute acids and alkalis. Chilled Water.

Maximum recommended temperature: -60 C to + 400°C (750°F)  
Maximum recommended pressure: 12 MPa (120 bar)

These temperature and pressure guides cannot necessarily be used simultaneously and may not apply at all thicknesses. Do NOT use gasket pastes.

TYPICAL PHYSICAL PROPERTIES:

Thickness:	0.75	1.50	mm
Density	1.79	1.84	g/cm <sup>3</sup>
ASTM Compressibility	7	7.5	%
ASTM Recovery	54	56	%
ASTM Tensile Strength	14	15	MPa
BS Residual Stress	31.4	24.0	MPa
DIN Gas Permeability	0.2	0.2	ml/min
ASTM Oil 3 Thickness Increase	1.7	2.0	%
ASTM Fuel B Thickness Increase	3.8	3.4	%
ASTM Oil 3 Weight Increase	7.0	7.4	%
ASTM Fuel B Weight Increase	8.1	10.2	%

AVAILABILITY: Sheet size: 1.5 x 1.5 m  
Thickness range: 0.5 to 5.0 mm

**Quality system accredited ISO 9001:2000**