

Technical Data Sheet

MATERIAL PROPERTIES*: **Top Sil ML-1**

DESCRIPTION:

Unique Multi-Layer material concept. Revolutionary combination of synthetic fibres and different elastomers bound in a Multi-layer structure.

Top Sil ML-1 complies with the requirements of the BS 7531 Grade X specification.



COLOUR:

Yellow

SERVICE:

Suitable for use with oils, water, steam, gases, salt solutions, fuels, alcohols, moderate organic and inorganic acids, hydrocarbons, lubricants and refrigerants.

TESTS & APPROVALS:

BAM certificate, KTW recommended, DIN-DVGW permit, "TA-Luft"-certification (Clean Air Act), WRc/WRAS.

TYPICAL PHYSICAL PROPERTIES:

Compressibility ASTM F 36 J		%	9
Recovery ASTM F 36 J min		%	>50
Stress relaxation DIN 52913	50 MPa, 16 h/175°C	MPa	34
	50 MPa, 16 h/300°C	MPa	28
Cold / hot compression	thickness decrease at 23°C	%	8
50 MPa	thickness decrease at 300°C	%	15
Gas leakage according to DIN 3535/6		ml/min	<0.1
Chlorides (Soluble)		ppm	150
Thickness increase after fluid Oil JRM 903: 5 h/150°C		%	4
immersion ASTM F 146 Fuel B: 5 h/23°C		%	8
Density		g/cm ³	1.7

AVAILABILITY:

Sheet size : 2.0m x 1.5 m, 4.0m x 1.5m

Thickness range : 0.8 mm to 3.0mm

3xA Anti Static coating on both sides.

Notes: * This is a general guide and should not be the sole means of selecting or rejecting this material. This data sheet covers basic information, for more comprehensive information, please contact us.

Asbestos Free



Certificate Number: 14352
 ISO 9001



Care should be taken in selecting the most suitable quality for each application. Advice is available, but final responsibility remains with the customer.

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