

Technical Data Sheet

MATERIAL PROPERTIES*: SLS-AS

DESCRIPTION: Exfoliated graphite with foil insert

COLOUR: Grey

SERVICE: Used for a wide range of industrial sealing applications including steam, hot water, thermal oils and hydrocarbons, Premium quality material for many industrial sealing applications.



Properties: Excellent resistance to steam, resistant to virtually all media, outstanding resistance to high and low temperature • Maximum temp. 460°C (in oxidising atmospheres) 3000°C (in non-oxidising atmospheres), high compressibility, good leakage properties, unlimited storage life, available in sheet form and as cut gaskets.

TESTS & APPROVALS:

WRAS Approval, DIN-DGVW, BAM U W28 for use with oxygen 130bar / 200°C, KTW, Germanischer Lloyd

TYPICAL PHYSICAL PROPERTIES (1.5mm):

Compressibility ASTM F 36 A		%	40
Recovery ASTM F 36 A		%	15
Stress relaxation DIN 52913	50 MPa, 16 h/300°C	M Pa	48 Min
Stress relaxation BS7531		MPa	38 Min
Cold / hot compression	thickness decrease at 23°C	%	40
50 MPa	thickness decrease at 300°C	%	1.5
Gas leakage according to DIN 3535/6		ml/min	0.5
Chlorides (Soluble)		ppm	<40
Flouride and Chloride content		ppm	<200
Density		g/cm ³	1.0
Purity		%	98 Min

AVAILABILITY:

Sheet size : 1.0m x 1.0m
Thickness range : 0.45 mm to 3.0mm
Anti-Static finish 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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