

## 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	MPa	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 <sup>3</sup>	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.

**Web: [www.epdm.co.uk](http://www.epdm.co.uk)**

**E-Mail: [Sales@epdm.co.uk](mailto:Sales@epdm.co.uk)**

**Contact**

Telephone: +44 (0)1625 573971  
 FAX: +44 (0)1625 573250  
 Munsch & Co/PTM Ltd  
 Units AG2/3 Clarence Mill  
 Clarence Road, Bollington  
 Macclesfield, Cheshire  
 SK10 5JZ  
 United Kingdom