

J-FLEX MATERIAL DATA SHEET

EPDM 25° (+/- 5°) SHORE 'A'

Properties	Test Method	Value
Hardness	DIN ISO 7619 -1	20 - 30 Shore 'A'
Colour		Black
Density		1.00 g/cm ³
Elongation @ Break	DIN 53504	487%
Rebound Resilience		55%
Compression Set	DIN 53517	25% Compress, 3d, RT = 6.9% 25% Compress, 24hr, 70°C = 13.3
Tensile Strength	DIN 53504	5.5 MPa
Tear Resistance: Strip Test	DIN ISO 34-1 ASTM 624 D	3.8 N/mm 38.9 N/mm
Abrasion	DIN 53 516	154 mm ³
Spec. Volume Resistance	DIN IEC 60093	2.0 x 10 ¹⁴ Ohm x cm
Surface Resistance	DIN EN 100 015/1	10 ¹² Ohm
Fire Behaviour	FMVSS302	33.3mm/min
Cold, 24hr, -45°C	DIN 53 545	i.O.
Ageing 72hr, 70°C - Shore Hardness A - Tear Resistance - Elongation @ Break	DIN 53508/ISO 188	-1 +18.2% +5.3%
Temperature Range		-45°C to +100°C (up to 110°C Intermittent)

Characteristics and features:

- Very soft EPDM material, sulphur cross-linked
- Extremely high elongation
- Nitrosamine free
- PAK-Free in accordance with Directives 2005/69/EG



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