

Low Smoke Low Toxic EPDM

70° Shore



Approved to EN 45545-2+A1
HL3 for R22, R23 requirements.

Quality No. H 45 - 1700

MECHANICAL PROPERTIES		
Colour	Black	
Hardness	70° Shore A ± 5°	DIN ISO 7619-1
Density	1.54 g/cm³ approx.	EN ISO 1183
Tensile Strength	ca 4.5N/mm²	DIN 53 504 / ISO 37
Elongation @ Break	> 400%	DIN 53 504 / ISO 37
Tear Strength	7N/mm	DIN ISO 34-1 A
Compression Set (24hrs @ 70°C)	16%	ISO 815
Compression Set (24hrs @ 100°C)	31%	ISO 815
Electrical Volume Resistivity	3.6E+13 ohm cm	IEC 6093 100V
Ozone Resistance	Resistant	DIN ISO 1431-1
Service Temperature Range	-40 to +100°C	
No carcinogenic nitrosamine generating raw materials are used.		

1mm to 6mm - Calendered Sheet c/w Fine Fabric Surface Finish - Rolls: 1600mm wide x 10m long
10mm - Calendered Sheet c/w Fine Fabric Surface Finish - Rolls: 1500mm wide x 10m long (not suitable for horizontal slitting)
(Smooth Surface Finish available - made to order)

**NITROSAMINE
FREE** ✓

**HALOGEN
FREE** ✓

(<0.02%)

**ROHS REACH SVHC
COMPLIANT** ✓

NORM	STANDARDS	STATUS
EN 45545-2+A1	ISO 5659-2	PASS ✓
	ISO 4589-2	
Set Requirements	NF X 70-100-1	
R22/R23 Hazard Level HL3	NF X 70-100-2	

Individual Test
Reports available
on request

Dimensional Tolerances: are typically class 3 as standard, unless otherwise stated. Class 2 and Class 1 tolerances on request, in most instances.

Disclaimer: All recommendations and information contained in this specification sheet are to the best of our knowledge correct. Since conditions of service are beyond our control, users must satisfy themselves that the products are suitable for intended use. No warranty is given or implied in respect of information or recommendations or that any use of products will infringe rights belonging to other parties. In any event or occurrence our liability is limited to the invoice value of our goods delivered to you. We reserve the right to change product design and properties without notice.

J-FLEX Innovative Rubber Solutions



Certificate No. RS 27920

Units 1 & 2, London Road Business Park, Retford, Nottinghamshire, DN22 6HG, United Kingdom

tel: +44 (0) 1777 712400 fax: +44 (0) 1777 712409 email: sales@j-flex.com web: www.j-flex.com

