

Low Smoke Low Toxic EPDM

50° Shore



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

Quality No. H 45 - 2500

MECHANICAL PROPERTIES		
Colour	Black	
Hardness	50° Shore A ± 5°	DIN ISO 7619-1
Density	1.41 g/cm³ approx.	EN ISO 1183
Tensile Strength	> 6.5N/mm²	DIN 53 504 / ISO 37
Elongation @ Break	> 400%	DIN 53 504 / ISO 37
Tear Strength	4.5N/mm	DIN ISO 34-1 A
Compression Set (24hrs @ 70°C)	15%	ISO 815
Compression Set (24hrs @ 100°C)	25%	ISO 815
Electrical Volume Resistivity	2.7E+12 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.

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J-FLEX Innovative Rubber Solutions



Certificate No. RS 27920



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