

DATA SHEET (effective 12/7/09)

IR42 Continuous Rolls/Sheets

Physical Properties

Polymer		CR/NBR/PVC
Color		Black
Classifications		
ASTM D 1056-68		SBE42
ASTM D 1056-07		2B2
Suffix Requirements		B2, C1, F1, M
1. 25% Compression Resistance (psi) (kPa) 3/8" (9.5 mm) & higher	ASTM D 1056	5 - 9 psi (35 - 63 kPa)
25% Compression Resistance (psi) (kPa) 1/4" (6.3 mm) & less	ASTM D 1056	5 - 11 psi (35 - 76 kPa)
2. 50% Compression Set (%)	ASTM D 1056	25 max.
3. Density (lb/ft ³) 3/8" (9.5 mm) & higher	ASTM D 1056	6 - 10 lb./ft ³ (96 - 160 kg/m ³)
Density (lb/ft ³) 1/4" (6.3 mm) & lower	ASTM D 1056	6 - 12 lb./ft ³ (96 - 192 kg/m ³)
4. Water Absorption (%)	ASTM D-1056	5 max.
5. Tensile (psi) (kPa)	ASTM D-412	75 psi min. (525 kPa min)
6. Elongation (%)	ASTM D-412	100 min.
7. Flammability (1)		
FMVSS302	0 Burn Rate	Pass
UL 94	HF-1 @ 0.134" (3.4 mm)	Pass
8. Ozone Resistance (GM4486P)	No Cracking	Pass
9. Temperature Use °F (2)	ASTM D-1056	-40 (-40°C) Cold Crack 200 (93°C) High (3)
Standard Roll Widths (in)		48" and 54" (1219 - 1371 mm)
Maximum Gauge (in)		1.00" (25.4 mm)

(1) Flammability – This item and any corresponding data refer to typical performance in the specific test indicated and should not be construed to imply this material's behavior in other fire conditions.

(2) This recommendation is based on polymer type only. For specific application requirements please contact technical service

(3) This temperature is the maximum allowable for intermittent exposure only. For continuous use temperature please contact technical service department.

NBR – Acrylonitrile Butadiene Rubber

PVC – Polyvinyl Chloride

CR - Chloroprene (Neoprene®)

Available skin 2 sides 1/8" – 1.0" (3.17 - 25.4 mm)

Other gauges and widths may be available. Please contact Customer Service.

Note: SAEJ 18 is equivalent to ASTM D-1056

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