

DATA SHEET (effective 03/11/08)

IR42 Continuous Rolls/Sheets

Physical Properties

Polymer			CR/NBR/PVC
Color			Black
Classifications			
ASTM D 1056-68			SBE42
ASTM D 1056-00			2B2
Suffix Requirements			B2, C1, F1, M
1. 25% Compression Resistance (psi)	ASTM D 1056		5.0 – 9.0
25% Compression Resistance (psi)	ASTM D 1056		5.0 – 11.0
2. 50% Compression Set (%)	ASTM D 1056		25 max.
3. Density (lb/ft ³) 3/8" & higher	ASTM D 1056		6.0 – 10.0
Density (lb/ft ³) 1/4" & lower	ASTM D 1056		6.0 – 12.0
4. Water Absorption (lb./ft2)	ASTM D-1667		0.1 max.
5. Tensile (psi)	ASTM D-412		75 min.
6. Elongation (%)	ASTM D-412		100 min.
7. Flammability (1)			
FMVSS302	0 Burn Rate		Pass
UL 94	HF-1 @ 1/8"		Pass
8. Ozone Resistance (GM4486P)	No Cracking		Pass
9. Temperature Use (2)	ASTM D-1056	Cold Crack High (3)	-40°F 200
Standard Roll Widths (in)			48" and 54"
Maximum Gauge (in)			1.00"

(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"

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

Note: SAEJ 18 is equivalent to ASTM D-1056

For updates to this document please refer to our website.

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