



Black Neoprene NFF16-101 M2-F3 & UL94-VO Flame Retardant Sheet 60° Shore

Black Neoprene NFF16-101 M2-F3 & UL94-VO Flame Retardant Sheet 60 Shore is high-grade flame-retardant chloroprene (er) neoprene compound meeting and passing the test requirements of NFF 16-101 M2-F3 and American standard UL94-VO test rating.

This product is REACH, RoHS, PAH and CE Compliant.

Properties	Test Method	Values FPS Units	Test Method	Values Metric Units
Specific Gravity	ASTM 0297	1.60 +/- 0.05	DIN 53508	1.60 +/- 0.05
Hardness	ASTM 02240	65 +/-5 SH A	DIN 53505	65 +/-5 SH A
Tensile Strength (kg/cm²)	ASTM 0412	710 PSI	DIN 53504	50 Kg/cm ²
Elongation at Break (min)	ASTM 0412	200%	DIN 53504	200%
Tear Resistance (Angular) Min	ASTM 0624	90 lbs/inch	DIN 53515	16 Kg/cm
Volume Resistivity	ASTM 0257	>10 ⁹ -10 ¹¹	ASTM 0257	>10 ⁹ -1Q11
Polymer Content				100%
Changes in Properties				
Chemical Resistance				
- Ozone	ASTM 01149	Good		Good
- Dilute Acids & Bases		Good		Good
- Concentrated Acids & Bases		Not Recommended		Not Recommended
- Oils		Not Recommended		Not Recommended
- Solvents		Not Recommended		Not Recommended
Temperature Range		-30 to +120°C		-30 to +120°C
Fire & Smoke				
Fire - Classification	NF F16-101	Meets M2 Requirement	NFF 16-101	Meets M2 Requirement
Smoke Classification				
Smoke Density	NF F16-101	Meets F3 Requirements		
Smoke Toxicity	NF F16-101	Meets F3 Requirements		
Colour	Black			

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