



## Material Specification Sheet

**Material Number:** 10100

**Description:** Expanded Neoprene / PVC / Nitrile Blend 2B1 Foam

**Applications:** 10100 is a black, light density, closed-cell elastomeric product especially designed to perform where an inexpensive gasket or stripping material is required. This product is ideally suited for vibration isolation and damping, cushioning, and padding, gasketing and sealing, and shock absorption. Other applications include athletic padding, wet suits, mats, toys, flotation material, and stadium cushions.

**Product Construction:** Neoprene / Polyvinyl Chloride / Nitrile Butadiene Rubber

### Typical Physical Properties:

Property	Test Method	Value
Classification	ASTM D 1056	2B1
Density	ASTM D 1056	3.5 – 6 lbs. / ft. <sup>3</sup>
25% Compression Deflection	ASTM D 1056	2 – 5 psi
50% Compression Set	ASTM D 1056	30% max
Tensile Strength	ASTM D 412	50 psi min.
Elongation	ASTM D 412	75% min.
Water Absorption	ASTM D 1056	10% max
Fluid Immersion	ASTM D 1056	250% max
Flammability	UL 94 HF-1 UL 94 V-0, %VA FMVSS302	Certified @ 3 mm Certified @ 6 mm Certified
Recommended Temperature Range	N/A	-40°F to 200°F
Electrical Conductivity	N/A	Non-conductive

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