



Material Specification Sheet

Material Number: 29500

Description: 2 lbs. / ft.³ Crosslinked Polyethylene Coarse Cell Foam

Applications: 29500 is a skin-soft aesthetically pleasing material offering superior flexibility, elasticity and resiliency. It exhibits exceptional mechanical strength and durability.

29500 can be cut, slit, die cut, skived, sewn, embossed, vinyl dipped and pressure-sensitive coated. It is an ideal material for heat, adhesive, ultrasonic or radio frequency (RF) lamination to a variety of materials including metals, plastic films, and most textiles.

29500 is a popular material for use in the sports, marine and decorative packaging industries. Its primary functions are thermal insulation, seals, and gaskets.

Product Construction: Closed-Cell Polyethylene Foam

Typical Physical Properties:

Property	Test Method	Value
Density	ASTM D 3575	1.8 – 2.2 lbs. / ft. ³
25% Compression Deflection	ASTM D 3575	4 – 8 psi
50% Compression Set	ASTM D 3575	30% max
Tensile Strength	ASTM D 3575	30 psi min.
Elongation	ASTM D 3575	>85%
Water Absorption	ASTM D 1667	0.07 lbs. / ft. ² max
Recommended Temperature Range	N/A	-40°F to 175°F
Flammability	FMVSS302	Pass at >.25" (6.35mm) thickness

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