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#10-3

Cross Linked Polyethylene Foam

Description:

Extremely light weight fine closed cell structure. Chemically cross-linked polyethylene foam provides exceptional durability and tensile strength. Ideal for applications where thicker (+19mm) grades are needed for cushioning or padding. Cross-linked Foam has good shock and impact-sound deadening properties. Versatile in regards to flexibility, inert to most chemicals with low water absorption. Available in white or charcoal.

Thickness Range: 1.6mm (.063") to 50mm (2").

Typical Properties:

		Test Method
Density	28.65 (Kg/m ²)	ASTM D-3575
Compression Set	14.8%	ASTM D-3574
Tensile Strength	263.59 (kPa)	ASTM D-3575
Elongation	200%	ASTM D-412 Die A
Tear Strength	1.09 (kN/m)	ASTM D-3575 ASTM D-624 Die C
Thermal Stability	Pass	ASTM D-3575
Compression Deflection (25%)	5.0 psi	ASTM D-3595-93
Water Absorption	.03 lb/ft ²	ASTM D-3595-93

Engineering Standards:

GM: GMP-PE056 Type 1

Ford: WSKM4D649A

Chrysler: MSAY512A

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