

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 reagerds to flexibility, inert to most chemicals and low water absorption. Available in white or charcoal.

Typical Properties:

Density:	1.5 - 2.5 pcf
Compression Set:	14.8%
Tensile Strength:	345 (kPa)
Elongation Min.:	175%
Tear Resistance:	10 lbs./in.
Thermal Stability:	Pass
Elongation:	150%
Compression Deflection (25%):	10.0 - 12.0 psi
Water Absorption Max.:	.05 lb./ft. ³
Flammability:	Pass (.250 or Thicker)

OEM Standards:

Testing may be required

Chrysler: NA

GMW: 15063 Type 5

Ford: ESA M8G53 A & ESB M25P4 A

Rev. 1

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10-380HD Cross-Linked Heavy Duty 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 gap or space-filling and cushioning. Cross-linked foam has good shock and impact-sound deadening properties. Inert to most chemicals with low water absorption. Thickness Range: 1.6mm (.063") to 50mm (2").

Typical Properties:

Density:	2.9 pcf / 46.4 Kg/m ³
Tensile Strength:	77 psi / 530.8 kPa
Elongation:	230%
Tear Strength:	16 lb/in
Compression Deflection (25%):	14 psi / 96.5 kPa
Compression Deflection (50%):	24 psi / 165.4 kPa
Compression Set (50%):	10%
Water Absorption:	.017 lb/ft ²
Flammability:	Pass (.250" or Thicker)
Service Temperature:	-110°F to 220°F

OEM Standards:

Chrysler: MS-AY-551-S

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10-800SD Cross-Linked Super Duty 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 gap or space filler and cushioning. Good shock and impact-sound deadening properties. Inert to most chemicals with low water absorption.

Typical Properties:

Density :	5.2 pcf.
Tensile Strength:	157 psi.
Elongation:	257%
Tear Strength:	34 lbs./in.
Compression Deflection (25%):	50 psi.
Water Absorption:	.05 lb./ft ²
Color:	Black/Gray/Charcoal
Flammability:	Pass (.250" or Thicker)
Service Temperature	-110°F to 220°F

OEM Standards:

Testing may be required

Ford: ESB M4D463 A & ESB M25P4 A

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