



ALPHA

engineered composites

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EPDM Belt: Style EB 1001

Product Description: .125" Single Ply Aramid Inserted EPDM Belt[Press/Roto Cured]

Rubber Polymer: Peroxide Cured EPDM

Finished Belt Requirement

Thickness, inches	0.125" [+/- 0.015"]
Width, inches *applies to roll goods	48" [+/- 0.5"]
Weight, Pounds/Square yard	6.5 [+/- 0.5 lb/sqyd]
Weight, Ounces/Square yard	104 [+/- 6 ozs/sqyd]
Continuous Operating Temperature, F	300
Intermittent Operating Temperature, F	350
Gas Ply Thickness, Minimum Inches	0.062"
Outer Ply Thickness, Minimum Inches	0.062"

Rubber Compound Requirements

Elastomer Specification	M6CH610A25B14	ASTM D-2000
Cure System	Peroxide	
Specific Gravity, g/cm ³	1.12 [+/- 0.03]	ASTM D-297
Hardness, Durometer Shore 'A' or Equivalent	60 [+/- 5]	ASTM D-2240
Tensile Strength, Minimum PSI	1,450	ASTM D-412
Elongation, Minimum	300%	ASTM D-412
Compression Set, Maximum ¹	25%	ASTM D-412

Dry Heat Resistance²

Weight, Change	+/- 10%	ASTM D-573
Hardness, Durometer Shore 'A' Change	0 to +10	ASTM D-573
Tensile Strength, Maximum Change	-20%	ASTM D-573
Elongation, Ultimate Minimum	-30%	ASTM D-573

Textile Requirements

Reinforcement Fabric	Plain Weave Aramid/Fiberglass
Tensile Strength, lbs/inch [Warp]	250.0
Tensile Strength, lbs/inch [Weft]	110.0

Quality Control

Certifications and test results provided with the product at the time of shipment

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Specializing in marine, aerospace, automotive and commercial fabrics for thermal and industrial applications.

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