



# ALPHA

engineered composites

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## EPDM Belt: Style EB 2000

**Product Description:** .250"; 2 Ply Aramid Inserted EPDM Belt[Press Cured]

**Rubber Polymer:** Peroxide Cured EPDM

### **Finished Belt Requirement**

Color	Black
Thickness, inches	0.250" [+/- 0.025"]
Width, inches <i>*applies to roll goods</i>	42 or 48" [+/- 0.5"]
Weight, Pounds/Square yard	13.0 [+/- 0.5 lb/sqyd]
Weight, Ounces/Square yard	208 [+/- 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 <sup>3</sup>	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 <sup>1</sup>	25%	ASTM D-412

### **Dry Heat Resistance<sup>2</sup>**

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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