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Fluoroelastomer Belt: FBT 1000		
Product Description: 0.100" ; 1 Ply Aramid/PTFE Fluoroelastomer Belt [Press Cured]		
<b>Finished Belt Requirement</b> Color Thickness, inches Width, inches *applies to roll goods	Black 0.100" [+/- 0.010"] 42" [+/- 0.5"]	
Weight, Pounds/Square yard Operating Temperature, Fahrenheit Gas Ply Thickness, Minimum inches Outer Ply Thickness, Minimum inches	9.0 [+/- 1 lb/sqyd] 450° 0.025" 0.030"	
Rubber Compound Requirements Fluoroelastomer Specification Fluoroelastomer Content, % Volume Terpolymer Fluorine Content, % Volume	FSA-DSJ-401-09 70% Virgin Terpolymer 68%	ASTM D-6909-10
Specific Gravity, g/cm <sup>3</sup> Hardness, Durometer Shore 'A' or Equivalent Tensile Strength, Minimum PSI Elongation, Minimum Methanol Volume Swell, Maximum <sup>1</sup> Toluene Volume Swell, Maximum <sup>1</sup> <sup>1</sup> conditions 70 +/- 0.5 hours at 23° +/- 3°C	1.86 [+/- 0.04] 77 [+/- 5] 1015 [7-MPa] 275% 30% 10%	ASTM D-297 ASTM D-2240 ASTM D-412 ASTM D-412 ASTM D-471 ASTM D-471
<u>Dry Heat Resistance<sup>2</sup></u> Weight, Change Hardness, Durometer Shore 'A' Change Tensile Strength, Maximum Change Elongation, Ultimate Minimum <sup>2</sup> conditions 70 +/- 0.5 hours at 260° +/- 5°C	+/- 7% +/- 10 +50% 225%	ASTM D-573 ASTM D-573 ASTM D-573 ASTM D-573
<u>Textile Requirements</u> Reinforcement Fabric Tensile Strength, Minimum Ibs/inch [Warp] Tensile Strength, Minimum Ibs/inch [Weft]	Aramid Fiber Flextra Blend 400 300	
<u>PTFE Film</u>	Etched FEP Film 10 ml	
<u>Quality Control</u> Certifications and test results provided with the product at the time of shipment.		

## DATA SHEET # 14066 REV. B DATE: 1/15/2018

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

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