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Fluoroelastomer Belt: FB 2003 [EJ 2521]

<u>Product Description:</u> 0.250"; Two Ply Fiberglass Fluoroelastomer Belt [Press Cured]

Rubber Polymer: Dyneon Fluorel, Solvay Solexis Technoflon

Finished Belt Requirement

Color
Thickness, inches
0.230" [+/- 0.030"]
Width, inches *applies to roll goods
Weight, Pounds/Square yard
Operating Temperature, Fahrenheit
Gas Ply Thickness, Minimum inches
Outer Ply Thickness, Minimum inches
0.050"

Black
0.230" [+/- 0.030"]
48" [+/- 1"]
20.5 [+/- 1 lb/sqyd]
450°
0.070"
0.070"
0.050"

Rubber Compound Requirements

FSA-DSJ-401-09 ASTM D-6909-10 Fluoroelastomer Specification Fluoroelastomer Content, % Volume 70% Virgin Terpolymer Terpolymer Fluorine Content, % Volume 68% Specific Gravity, g/cm3 1.86 [+/- 0.04] **ASTM D-297** Hardness, Durometer Shore 'A' or Equivalent 77 [+/- 5] **ASTM D-2240** 1015 [7-MPa] Tensile Strength, Minimum PSI ASTM D-412 Elongation, Minimum 275% **ASTM D-412** ASTM D-471 Methanol Volume Swell, Maximum¹ 30% Toluene Volume Swell, Maximum¹ 10% ASTM D-471

Dry Heat Resistance2

Weight, Change+/- 7%ASTM D-573Hardness, Durometer Shore 'A' Change+/- 10ASTM D-573Tensile Strength, Maximum Change+50%ASTM D-573Elongation, Ultimate Minimum225%ASTM D-573

²conditions 70 +/- 0.5 hours at 260° +/- 5°C

1conditions 70 +/- 0.5 hours at 23° +/- 3°C

Textile Requirements

Reinforcement Fabric Plain Weave Fiberglass

Tensile Strength, Minimum Ibs/inch [Warp] 240
Tensile Strength, Minimum Ibs/inch [Weft] 450

Quality Control

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

DATA SHEET: 14057 REV. B DATE: 1/16/2018

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

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