## Fluoroelastomer Belt: FB 1102

### Product Description:
0.125" ; Single Ply Fiberglass Fluoroelastomer Belt [Press Cured]

### Finished Belt Requirement
- **Color**: Black
- **Thickness, inches**: 0.125" [+/- 0.015"
- **Width, inches**: 42 or 48" [+/- 0.5"
- **Weight, Pounds/Square yard**: 11.0 [+/- 1 lb/sqyd]
- **Gas Ply Thickness, Minimum inches**: 0.050"
- **Outer Ply Thickness, Minimum inches**: 0.050"

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

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

### Dry Heat Resistance²
- **Weight, Change**: +/- 7%
- **Hardness, Durometer Shore 'A' Change**: +/- 10%
- **Tensile Strength, Maximum Change**: +50%
- **Elongation, Ultimate Minimum**: 225%

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

### Textile Requirements
- **Reinforcement Fabric**: Plain Weave Fiberglass
- **Tensile Strength, Minimum lbs/inch [Warp]**: 240.0
- **Tensile Strength, Minimum lbs/inch [Weft]**: 450.0

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

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DATA SHEET: 14178  REV: A  DATE: 6/5/15

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