

**PRODUCT:**

**AF-021**

**REV101816**

**PRODUCT DESCRIPTION:**

Polyether foam

**FOAM**

| Physical Property  | Description - Value             | Tolerance  | Test Standard |
|--|---------------------------------|------------|---------------|
| Material   | Polyether Polyurethane Foam     | NA         | NA            |
| Color  | Charcoal                        | NA         | NA            |
| Density  | 1.8 lb/cf                       | + - 0.18   | ASTM D3574    |
| Tensile Strength   | 12.0 psi                        | minimum    | ASTM D3574    |
| Elongation   | 140%                            | minimum    | ASTM D3574    |
| Indentation Force Deflection<br>25% Deflection                           | 30 lbs/ 0.5 square inch         | minimum    | ASTM D3574    |
| Indentation Force Deflection<br>65% Deflection                           | 50 lbs/ 0.5 square inch         | minimum    | ASTM D3574    |
| Retention of Tensile strength after<br>5 hours, 120 °C, Steam Autoclave  | 70%                             | minimum    |               |
| Retention of Tensile strength after<br>22 hours, 120 °C, Steam Autoclave | 70%                             | minimum    |               |
| Pores per inch   | 60-70 pores per inch            |            |               |
| Flammability   | MVSS302, UL-94 HF-1,            |            |               |
| Temperature Range  | -45 F to 250 F, (-43 C to 126C) | Continuous |               |

**Compliance Features:**

- Meets the Requirements of RoHS through June 2013 Revision of SVHC (Restriction of Hazardous Substances European Union Directive – 2002/95/EC)
- Compliant with European Union REACH (Registration, Evaluation and Authorization of Chemical Substances - EC1907/2006)

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