

**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 25% Deflection	30 lbs/ 0.5 square inch	minimum	ASTM D3574
Indentation Force Deflection 65% Deflection	50 lbs/ 0.5 square inch	minimum	ASTM D3574
Retention of Tensile strength after 5 hours, 120 °C, Steam Autoclave	70%	minimum	
Retention of Tensile strength after 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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