

Arlon Flexible Silicon Insulation with Fiberglass Substrate (56493F031)

Category : Polymer , Thermoset , Filled/Reinforced Thermoset , Silicone

Material Notes:

Side one - cured silicone rubber ,0.007 in. (0.18 mm) minimum: Substrate - Prime Coated 1564 Fiberglass, 0.017 in. (0.43 mm) nominal;
Side two- cured silicone rubber, 0.007 in. (0.18 mm) minimum; 0.003 in. (0.08 mm) polyethylene interleave; overall thickness 0.031 in ± 0.0025 (0.79 mm ± 0.063). Color: Blue-black. Weight: 1122 g/m² ± 102 (33.1 oz./yd.² ± 3.0). Shelf Life: 12 months from the date of manufacture. The shelf life is defined as the duration of time for which the product will meet the physical requirements outlined below. It does not guarantee the product's usefulness in all applications. Flame Test Method: FTMS 191A; Method 5903. Maximum Flame and Glow Time: 25 seconds. Maximum Char Length: 7.62 cm (3 in). Information provided by the manufacturer, Arlon Silicone Technologies Division.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arlon-Flexible-Silicon-Insulation-with-Fiberglass-Substrate-56493F031.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	45 - 55	45 - 55	
Tensile Strength, Ultimate	7.61 - 8.99 MPa	1100 - 1300 psi	
Elongation at Break	300 - 500 %	300 - 500 %	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	232 °C	450 °F	
Minimum Service Temperature, Air	-97.8 °C	-144 °F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	≥ 15.75 kV/mm	≥ 400.0 kV/in	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China