

Arlon Silicone Hose and Duct Material with Polyester Substrate (65390R042) (discontinued **)

Category : Polymer , Thermoset , Silicone

Material Notes:

Side one - uncured silicone, 0.005 in., -0.001(0.1 mm, -0.01); Substrate - 6500 Polyester Fabric, 0.038 in. (0.97 mm) nominal; 0.003 in. (0.08 mm) polyethylene interleave; overall thickness 0.042 in +0.004,-0.001 (1.1 mm + 0.1,-0.03). Color: Red. Weight: 1695 g/m² ± 136 (50.0 oz./yd.² ± 4). Shelf Life: 6 months from date of manufacture at 21°C (70°F). 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. Peel strength is 62 kPa (9.0 psi). Applications: Hose and duct material. Information provided by the manufacturer, Arlon Silicone Technologies Division.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arlon-Silicone-Hose-and-Duct-Material-with-Polyester-Substrate-65390R042-nbspdiscontinued.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	50 - 60	50 - 60	
Tensile Strength, Ultimate	4.18 - 5.42 MPa	606 - 786 psi	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	232 °C	450 °F	
Minimum Service Temperature, Air	-56.6 °C	-69.9 °F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	14.76 - 23.62 kV/mm	374.9 - 599.9 kV/in	

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