

Arlon 10172R080 0.080" (2.3 mm) Cured Silicone Rubber Vacuum Bag

Category : Polymer , Thermoset , Silicone , Silicone Rubber

Material Notes:

Reversion Resistant Vacuum Bag Substrate
 Design/Construction: Interleave: Polyethylene
 Material: Cured Silicone Rubber
 Appearance: Red silicone rubber
 This data represents typical values for the production material. The data should not be used to write, or in place of, material specifications.
 Information provided by Arlon, Silicone Technologies Division

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arlon-10172R080-0080-23-mm-Cured-Silicone-Rubber-Vacuum-Bag.php

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in ³	Arlon SQA-TMS-024
Thickness	63.5 microns	2.50 mil	Interleave
	2030 microns	80.0 mil	Overall; Arlon SQA-TMS-003

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	61	61	ASTM D2240
Tensile Strength	8.101 MPa	1175 psi	ASTM D412
Elongation at Break	682 %	682 %	ASTM D412
Compression Set	<= 30 %	<= 30 %	Arlon SQA-TMS-017

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	300 °C	572 °F	

Processing Properties	Metric	English	Comments
Shelf Life	60.0 Month @Temperature 21.1 °C	60.0 Month @Temperature 70.0 °F	From date of manufacture

Descriptive Properties	Value	Comments
Color	Red	
Total Product Weight (oz/yd ²)	72	Arlon SQA-TMS-025

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