

## Arlon 51393R032 0.032" (0.813 mm) Cured Silicone Rubber with Fiberglass Substrate

Category : Polymer , Thermoset , Silicone , Silicone Rubber , Silicone, Molded, Glass Fiber Filled

### Material Notes:

Design/Construction:Side 1: Cured Silicone RubberSide 2: Cured Silicone Rubber Pad Life: Temperature and time dependentThis 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-51393R032-0032-0813-mm-Cured-Silicone-Rubber-with-Fiberglass-Substrate.php](http://www.lookpolymers.com/polymer_Arlon-51393R032-0032-0813-mm-Cured-Silicone-Rubber-with-Fiberglass-Substrate.php)

Physical Properties	Metric	English	Comments
Thickness	76.2 microns	3.00 mil	Polyethylene, Interleave
	203 microns	8.00 mil	Prime Coated 7628 Fiberglass, Substrate
	305 microns	12.0 mil	Side 1
	305 microns	12.0 mil	Side 2
	711 - 864 microns	28.0 - 34.0 mil	Overall

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	50 - 60	50 - 60	Compound Property
Tensile Strength	4.83 MPa	700 psi	Compound Property
Elongation at Break	350 %	350 %	Compound Property

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	204 °C	400 °F	Continuous

Processing Properties	Metric	English	Comments
Shelf Life	12.0 Month	12.0 Month	From date of manufacture
	@Temperature 23.9 °C	@Temperature 75.0 °F	

Descriptive Properties	Value	Comments
Color	Red	
Total Product Weight (oz/yd2)	32 - 38	
Uncoated Fabric Break Strength	200 lb/in	Fill Direction, Substrate Property

Descriptive Properties	Value	Comments
------------------------	-------	----------

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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