

## Arlon R37908R015L Silicone Rubber/Fiberglass/Acrylic/Polyester

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE) , Silicone , Silicone Rubber , Silicone, Molded, Glass Fiber Filled

### Material Notes:

Laminated film: aluminized PEN; Side 1: cured silicone rubber; Substrate: 7628 fiberglass; Side 2, layer 1: acrylic PSA; Side 2, layer 2: polyester substrate; Side 2, layer 3: acrylic PSA; Interleave: Release substrate

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Arlon-R37908R015L-Silicone-RubberFiberglassAcrylicPolyester.php](http://www.lookpolymers.com/polymer_Arlon-R37908R015L-Silicone-RubberFiberglassAcrylicPolyester.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.24 g/cc	1.24 g/cc	silicone property; Arlon SQA-TMS-024
Thickness	25.4 microns	1.00 mil	laminated film; Arlon SQA-TMS-003
	25.4 microns	1.00 mil	side 2 layer 2; Arlon SQA-TMS-003
	31.8 microns	1.25 mil	side 2 layer 3; Arlon SQA-TMS-003
	31.8 microns	1.25 mil	side 2 layer 1; Arlon SQA-TMS-003
	63.5 microns	2.50 mil	side 1; Arlon SQA-TMS-003
	203 microns	8.00 mil	substrate; Arlon SQA-TMS-003
	381 microns	15.0 mil	overall; Arlon SQA-TMS-003

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	44	44	silicone property; ASTM D2240
Tensile Strength, Ultimate	7.58 MPa	1100 psi	silicone property; ASTM D412
Elongation at Break	650 %	650 %	silicone property; ASTM D412
Adhesive Bond Strength	0.0103 MPa	1.50 psi	adhesion to Al initially; Arlon SQA-TMS-011
	0.0172 MPa	2.50 psi	adhesion to Al at 24 hours; Arlon SQA-TMS-011
	0.0276 MPa	4.00 psi	adhesion to Al at 72 hours; Arlon SQA-TMS-011

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	160 °C	320 °F	
Minimum Service Temperature, Air	-56.7 °C	-70.0 °F	

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

Descriptive Properties	Value	Comments
Color	Silver	

## 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