

## Arlon 41400R030 0.030" Uncured, Unsupported Silicone Rubber on a Release Carrier

Category : Polymer , Thermoset , Silicone , Silicone Rubber

### Material Notes:

Design/Construction: Interleave: 0.003" Polyethylene Side 1: Uncured, Unsupported Silicone Rubber Substrate: Holland Cloth Carrier This data represents typical values for the production material and should not be used as material specifications. Information provided by ARLON Silicone Technologies Division.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Arlon-41400R030-0030-Uncured-Unsupported-Silicone-Rubber-on-a-Release-Carrier.php](http://www.lookpolymers.com/polymer_Arlon-41400R030-0030-Uncured-Unsupported-Silicone-Rubber-on-a-Release-Carrier.php)

Physical Properties	Metric	English	Comments
Thickness	127 microns	5.00 mil	Substrate
	762 microns	30.0 mil	Silicone

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	55	55	Silicone Property
Tensile Strength	>= 6.89 MPa	>= 1000 psi	Silicone Property
Elongation at Break	>= 500 %	>= 500 %	Silicone Property
100% Modulus	>= 0.00172 GPa	>= 0.250 ksi	Tension, Silicone Property
Tear Strength	>= 35.1 kN/m	>= 200 pli	Silicone Property

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Inert	232 °C	450 °F	
Minimum Service Temperature, Air	-56.7 °C	-70.0 °F	

Processing Properties	Metric	English	Comments
Cure Time	240 min	4.00 hour	Recommended Post Cure Cycle
	@Temperature 227 °C	@Temperature 440 °F	
	15.0 min	0.250 hour	Recommended Cure Cycle
	@Pressure 0.345 MPa, Temperature 177 °C	@Pressure 50.0 psi, Temperature 350 °F	
Shelf Life	3.00 Month	3.00 Month	
	@Temperature 4.44 °C	@Temperature 40.0 °F	

Descriptive Properties	Value	Comments
Color	Naturally Translucent	
Total Product Weight (oz/yd2)	28	

## Contact Songhan Plastic Technology Co.,Ltd.

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