

## Arlon Thermavac® 0.060" (1.524 mm) Cured Silicone Vacuum Bagging (10502R060)

Category : Polymer , Thermoset , Silicone

### Material Notes:

Unsupported cured/post cured silicone rubber with a thickness of 0.060 in.  $\pm 0.006$  (1.5 mm  $\pm 0.15$ ); 0.003 in. (0.8 mm) polyethylene interleave. 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. Color: Red. Weight: 2339 g/m<sup>2</sup>  $\pm 234$  (69.0 oz./yd.<sup>2</sup>  $\pm 6.9$ ). Applications: Composite vacuum bagging materials. Information provided by the manufacturer, Arlon Silicone Technologies Division.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Arlon-Thermavac-0060-1524-mm-Cured-Silicone-Vacuum-Bagging-10502R060.php](http://www.lookpolymers.com/polymer_Arlon-Thermavac-0060-1524-mm-Cured-Silicone-Vacuum-Bagging-10502R060.php)

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	50 - 60	50 - 60	
Tensile Strength, Ultimate	7.47 - 9.13 MPa	1080 - 1320 psi	
Elongation at Break	540 - 660 %	540 - 660 %	
100% Modulus	0.00172 GPa	0.249 ksi	Average
Tear Strength	$\geq 43.8$ kN/m	$\geq 250$ pli	
Compression Set	28 %	28 %	after post cure

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	$\geq 15.75$ kV/mm	$\geq 400.0$ kV/in	

## 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