

## Arlon Thermavac® 0.060" (1.524 mm) Cured Silicone Vacuum Bagging (10502N060)

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. Color: Translucent. 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-10502N060.php](http://www.lookpolymers.com/polymer_Arlon-Thermavac-0060-1524-mm-Cured-Silicone-Vacuum-Bagging-10502N060.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.

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