

## Parker Chomerics Tecknit CON/RTV-II 2 Part Silver Filled RTV

Category : Polymer , Adhesive

### Material Notes:

Description: TECKNIT electrically conductive, medium viscosity adhesive- sealant system. It is formulated with a special conductive material producing its own unique advantages. After full cure, the resultant bond or seal of the material is flexible, resilient and conductive.

Application Information: TECKNIT Conductive Adhesive-Sealants are recommended wherever an electrically conductive flexible bond and seal is required. The main consideration for selecting the correct adhesive should be based on the galvanic coupling of metallic (or conductive) materials. Excellent practices and recommendations can be obtained by reviewing MIL-STD- 1250. The Adhesive-Sealants are also used to join and install a variety of conductive elastomers and porous or open wire mesh gaskets. Information provided by Chomerics

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Parker-Chomerics-Tecknit-CONRTV-II-2-Part-Silver-Filled-RTV.php](http://www.lookpolymers.com/polymer_Parker-Chomerics-Tecknit-CONRTV-II-2-Part-Silver-Filled-RTV.php)

Mechanical Properties	Metric	English	Comments
Shear Strength	$\geq 0.414$ MPa	$\geq 60.0$ psi	Cured; ASTM D1002
Peel Strength	$\geq 0.526$ kN/m	$\geq 3.00$ pli	Silicone Aluminum; Cured; ASTM D1876

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	150 °C	302 °F	Cured
Minimum Service Temperature, Air	-55.0 °C	-67.0 °F	Cured
Shrinkage	$\leq 31$ %	$\leq 31$ %	Cured

Electrical Properties	Metric	English	Comments
Volume Resistivity	$\leq 0.010$ ohm-cm	$\leq 0.010$ ohm-cm	Cured; QAP-1017

Processing Properties	Metric	English	Comments
Cure Time	10100 min	168 hour	followed by 24 hr @ 100°C
	1440 min	24.0 hour	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Pot Life	4.0 min	4.0 min	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Shelf Life	9.00 Month	9.00 Month	Unopened Container

Descriptive Properties	Value	Comments
Color	Beige	

Descriptive Properties	Value	Comments
Filler	AG/Glass	
Final Condition	Flexible	
Mix Ratio	49:1	
Number of Components	Two	
Resin	Silicone	
Volume	13.6 in <sup>3</sup>	
Weight	16 oz	

## Contact Songhan Plastic Technology Co.,Ltd.

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