



Rev: 3.1

ACE 56155™

C6-57003A
C6-57004B

DEFINITION

ACE-56155™, a two component, room temperature cure, high strength, non-silver-filled conductive epoxy adhesive. **ACE-56155™** has a light paste consistency that allows for dispensing by pneumatic dispensers; it is available in mixer packs for field applications and in bulk or in premixed and frozen packages.

PRODUCT DESCRIPTION

Appearance	Viscous liquid
Odor	Faint
Color	Black

Other information						
Pot life time @ 25± 2°C	40-50 minutes					
Possible curing cycles	<ul style="list-style-type: none"> • 24-72 hours @ 25±1°C • 30 minutes @ 100°C + 1 hour @ 75°C • 5 minutes @ 125°C 					
Viscosity	30,000 cP	Brookfield RVT, Spindle 27, Small Sample Adaptor, 10 rpm, 25°C				
Mix Ratio:	By weight:	<table border="1"> <tr> <td>Part A</td> <td>Part B</td> </tr> <tr> <td>100</td> <td>22</td> </tr> </table>	Part A	Part B	100	22
	Part A	Part B				
100	22					
By volume:	<table border="1"> <tr> <td>Part A</td> <td>Part B</td> </tr> <tr> <td>100</td> <td>25</td> </tr> </table>	Part A	Part B	100	25	
Part A	Part B					
100	25					
Shelf Life	One year in original unopened containers at room temperature.					

APPLICATION PROPERTIES

- **ACE-56155™** is ideally suited for applications such as:
 - Knitted Wire Mesh
 - EMI Gasket Bonding
 - Conductive Plastic Bonding
 - Conductive Bonding Of Dissimilar Substrates
 - Static Discharger Bonding

PROTAVIV AMERICA, INC.

TEL: & FAX: 800.807.2294 / INT'L: 978.372.2016

WWW.PROTAVIVAMERICA.COM

APPLICATION RECOMMENDATIONS

- No thinner is recommended for **ACE-56155**; the material should be applied mixed, degassed, and undiluted.
- Mix part A and B together thoroughly at room temperature. Degas at < 0.5 mm Hg.
- ACE-56155™ must be used within 60 minutes after addition and mixing of Part B to Part A.

TYPICAL PROPERTIES OF CURED ACE-56153™

The properties listed below were determined from measurements carried out in a limited number of tests after curing **ACE-56155™** for 45 minutes @ 100°C. These properties are given as guidance, and do not constitute a guarantee. It will be for the user, in all cases, to carry out their own tests to determine whether **ACE-56155™** is suitable for the user's particular application.

Property	Result	Methods
Tensile Shear Strength	4,600 psi	ASTM D1002
Volume Resistivity, Ω-cm	50-150	ASTM D257
Durometer, Shore D	82	ASTM D2240

PRECAUTIONS IN USE

Refer to the attached material safety data sheet.

PACKAGING

Contact Protaviv America for specific packaging requirements.

The information contained in this data sheet corresponds to the present state of our knowledge; it is intended for your guidance but we are not bound by it since we are not in a position to exercise control over the manner in which our products are used. Moreover, the attention of the user is drawn to the risks that could possibly occur should a product be used for an application other than that for which it is intended.