

Electro-conductive Silicone Adhesive

XE16-508

XE16-508 is a one-component, alkoxy cure, electro-conductive silicone adhesive sealant. This product cures at room temperature with moisture in the air and bonds to most materials, such as metals, plastics, ceramics and glass without the use of primers.

KEY FEATURES

- ◆ Excellent electro-conductivity
- ◆ One-component - ready to use
- ◆ Room temperature cure
- ◆ Neutral cure - non-corrosive to most metals
- ◆ Low odor cure; releases an alcohol vapor during cure
- ◆ Outstanding adhesion to a variety of materials

APPLICATIONS

- ◆ Grounding and anti-static seal for electrical and electronic components
- ◆ EMI shield

TYPICAL PROPERTY DATA

UNCURED PROPERTIES		
Appearance		Black paste
Tack free time(23°C)	min	60
CURED PROPERTIES (7 days@23°C/50%RH)		
Appearance		Elastic rubber
Specific gravity(23°C)		1.08
Hardness (Type A)		53
Tensile strength	MPa {kgf/cm ² }	2.6 {27}
Elongation	%	170
Adhesive strength ^{*1}	MPa {kgf/cm ² }	1.3 {13}
Volume resistivity ^{*2}	MΩ·m {Ω·cm}	1.5x10 ⁻⁷ {15}

*1 Aluminum lap shear

*2 Resistivity between two copper plates

Typical property data values should not be used as specifications. Assistance and specifications are available by contacting GE Toshiba Silicones Commercial Office.

XE16-508

GENERAL INSTRUCTIONS FOR USE

- ◆ Thoroughly clean the substrate with a suitable solvent and dry completely before applying.
- ◆ Wear eye protection when handling uncured sealant as it can irritate eyes.
- ◆ In case of eye contact, immediately flush eyes well with water and contact a physician.
- ◆ Extended contact with the skin may cause irritation and should be avoided.
- ◆ Adequate ventilation must be maintained in the work place at all times.

STORAGE

- ◆ Store in a cool, dry place out of direct sunlight.
- ◆ Keep out of the reach of children.

PACKAGING

- ◆ 100g tube available in cases of 20
- ◆ 333ml cartridge available in cases of 10

XE16-508 E
Issued Mar. 2000/st revised Dec. 2000

FOR INDUSTRIAL USE ONLY

It is the responsibility of the user to determine the suitability of any GE Toshiba Silicones product for any intended application. NEVER USE ANY GE TOSHIBA SILICONES PRODUCT FOR IMPLANTATION OR INJECTION INTO THE HUMAN BODY. Specifications are available by contacting GE Toshiba Silicones. Typical property data values should not be used as specifications. Inasmuch as GE Toshiba Silicones Company, Ltd. has no control over the use to which others may put the material, it does not guarantee that the same results as those described herein will be obtained. Each user of the material should make his own tests to determine the suitability of the material for his own particular use. Statements concerning possible or suggested uses of the materials described herein are not to be construed as constituting a license under any GE Toshiba Silicones patent covering use or as recommendations for use of such materials in the infringement of any patent. Material Safety Data Sheets are available upon request from GE Toshiba Silicones. The contents of this catalog are subject to change without notice. No part of this data may be reproduced without the prior approval of GE Toshiba Silicones.



GE Toshiba Silicones Co., Ltd.

GE Toshiba Silicones Co., Ltd. (Tokyo Head Office)	Phone: 81-3-3479-5355	FAX: 81-3-3479-2944
	6-2-31 Roppongi, Minato-ku, Tokyo 106-8550, Japan	
GE Toshiba Silicones (Hong Kong) Co., LTD	Phone: 852-2629-0888	FAX: 852-2629-0803
GE Toshiba Silicones (Singapore) PTE. Ltd.	Phone: 65-326-3900	FAX: 65-326-3946
Taiwan Office	Phone: 886-2-719-0510	FAX: 886-2-2719-9903