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**ER3106**

## **Versabond Two Part Epoxy System**

Star Technology, Inc.'s Versabond ER3106 epoxy system is a two component epoxy used for laminating and potting various substrates. Versabond ER3106 shows excellent impact resistance, which makes this product ideal for potting applications. Versabond ER3106 is a 100% solids product containing no volatile solvents, which might prove irritating to employees.

Versabond ER3106 has found uses in laminating exterior and interior steel doors, gasoline station canopies, insulated building and roof panels, RV side panels and roofs, and potting of various electronic components. This product may contain fillers that may settle over time. Product may need to be stirred before using. Customer must determine suitability of product before using.

### **Typical Parameters:**

Mixed Color:	Black
Color of Component A:	Black
Color of Component B:	Grey to Beige
Mix Ratio:	
By Volume:	100:100
By Weight:	100:100
Viscosity:	
Component A:	~5000 cps
Component B:	~4800 cps
Gel Time, 100 gram mass at 75° F:	300 minutes
Cure Time:	48 hours
Shore D Hardness:	65-70D
Tensile Strength:	8000 psi
Shrinkage:	0.18%
CTE:	$66.8 \times 10^{-6}$ inch/inch/°C
Volume Resistivity:	$3.4 \times 10^{14}$ Ohms/cm <sup>3</sup>
Dielectric Strength:	>450 V/mil
Tg:	95°C

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