

# STAR Technology

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## ER2115

### Single Part Heat Cure Epoxy

#### DESCRIPTION

ER2115 is a heat cured fracture resistant epoxy used for adhesive and potting applications where high glass transition temperatures and increased chemical resistance are required. ER2115 is specially formulated to survive the rapid shear impacts caused by thermal and mechanical shock. ER2115 is a single part product with a shelf life of 3 months. It adheres to steel, brass, copper, stainless steel, tin plated surfaces, aluminum and most engineering plastics. Best results are achieved when the product is cured according to the cure schedule shown below.

#### TECHNICAL INFORMATION

Color:	Gray
Viscosity 23°C:	Thixotropic paste
Specific Gravity:	1.42
Shelf Life at 23°C:	3 months
Cure Schedule 5grams:	30 minutes at 100°C
Cured Hardness:	85 shore D
Lap Shear Strength, Steel to Steel:	>1200 psi
Glass Transition Temperature:	130°C
Useful Temperature Range	-15 to 230 °C
Volume Resistivity	$1.68 \times 10^{16} \Omega \cdot \text{cm}$
Surface Resistivity	$1.88 \times 10^{16} \Omega$
Dielectric Strength	430 Volts/mil

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