



FORMULATING • INNOVATIVE • SOLUTIONS

U-91-1 Two Part Epoxy System

U-91-1 is a two-part epoxy system designed for the potting and or encapsulation of various electronic devices. The viscosity of **U-91-1** allows the material to flow, but yet not creep into narrow cracks or crevices. 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:

Color

Mixed:	Gray
Component A:	Gray
Component B:	Amber

Viscosity

Component A:	50,000 centipoise
Component B:	15,000 centipoise
Mix:	~30,000 centipoise

SPGR

Part A:	1.42
Part B:	0.94
Mix:	1.32

Mix Ratio: 100:7.5 by weight

Gel Time, 100 gram mass at 23° C: 20-40 minutes

Maximum Exotherm, 200 gram mass 54.3°C

Cure Time: 24 hours at 23°C
Complete Cure: 48 hours at 23°C

Shore Hardness (D): 72 minimum

Shelf Life: 1 year

ER3270 is in compliance with European Directive 2002/95/EC on the reduction of hazardous substances

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