



FORMULATING • INNOVATIVE • SOLUTIONS

## ER1030 30 Minute Clear Epoxy

**ER1030** epoxy system is a flowable, industrial grade epoxy adhesive. Once mixed, the two part epoxy cures at room temperature with minimal shrinkage and forms an ultra clear bond line with excellent impact resistance. When fully cured, the epoxy withstands exposure to a wide range of chemicals and solvents. **ER1030** has excellent dimensional stability over a wide temperature range. Designed for bonding, small potting and laminating applications where optical clarity and excellent structural, mechanical, and electrical insulating properties are required. Bonds most materials including glass, optical fibers, ceramic, metals, and many rigid plastics. **ER1030** is a 100% solids product containing no volatile solvent which might prove irritating to employees. **ER1030** can be applied manually when made up in small batches or with a meter/mix applicator. **ER1030-2** is a paste version of **ER1030**.

### Typical Parameters:

Component A:	
Color:	Clear
Viscosity:	12,000 cps
Component B:	
Color:	Amber
Viscosity:	12,000cps
Mix Ratio:	1:1 by weight or volume
Solids Content:	100% [No solvents.]
Gel Time, 100 Gram Mass at 75° F:	5-7 minutes
Lap Shear Strength [CRS to CRS]:	2000psi minimum
Operating Temperature:	-40° to 130° C [intermittent]
Shore D hardness:	80D
24 Hour Water Absorption:	<1%.

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