SINGLE USE
ELECTRONIC POTTING AND ENCAPSULATING KIT

- Low Viscosity for Easy Flow and Quick Penetration
- Fast Gel Time
- Eliminates Mix Ratio Errors
- Deep Curing
- RoHS Compliant

Uraseal's new electronic potting and encapsulating kits are especially designed for communications, electronic and fiber optic assembly kits.

Quick Penetration

Uraseal's EP Series kits exhibit low viscosity for easy flow and quick penetration of irregular shapes and deep potting applications.

Assembly Line Friendly

The EP Series exhibits fast gel time, making them ideal for assembly line applications.

Economical

These single-use kits eliminate mix ratio errors and minimizes waste.

Easy to Use

The kits comes complete with tube of encapsulant, cap with dispensing tip and disposable gloves.

PRODUCT INFORMATION

Part Number	Size	Case Qty.	Carton Weight
EP1000	50 grams	50	16
EP2000	95 grams	30	16
EP2500	146 grams	30	18
EP2750	175 grams	30	20

Uraseal®
THE CONNECTION/PROTECTION SOURCE

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MADE IN U.S.A.

TECHNICAL DATA
EP SERIES

Viscosity ASTM D4878	Temperatures				
	@:	**2°C (35.6°F)**	**25°C (77.0°F)**	**35°C (95.0°F)**	**60°C (140.0°F)**
	Part A =	788 cps	194 cps	110 cps	40 cps
	Part B =	2992 cps	548 cps	284 cps	84 cps
	Mixed =	2157 cps	414 cps	218 cps	67 cps
(All information below is based on testing of 132 grams of mixed material)					
Time to 100,000 cps		~ 8 min. 25 sec.	~ 2 min. 32 sec.	~ 1 min. 31 sec.	~ 0 min. 19 sec.
Gel Times @: ASTM D2471		~ 8 min. 30 sec.	~ 2 min. 35 sec.	~ 1 min. 33 sec.	~ 0 min. 20 sec.
Exotherm Peak: ASTM D2471		115°C (239.0°F)	130°C (266.0°F)	138°C (280.4°F)	158°C (316.4°F)
Shore D Hardness @ 10" dwell after 24 hour room temperature cure ASTM D2240			65 $\pm$ 10 points		

ELECTRICAL PROPERTIES

Test	Temperature °C	100 Hz	1 kHz
Dielectric Constant	23°C	3.66	3.52
	30°C	3.78	3.61
Dissipation Factor	23°C	0.04	0.03
	30°C	0.05	0.03
Dielectric Strength	25°C	> 500 volts/mil	
Volume Resistivity, ohm-cm	23°C	4.6×10^{14} ohm/cm	
	30°C	1.0×10^{15} ohm/cm	
Surface Resistivity, ohm	23°C	3.8×10^{15} ohm/cm	
	30°C	1.7×10^{16} ohm/cm	