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U-73-3
Two Part Flexible Urethane Potting
And Encapsulating Compound

U-73-3 is a low viscosity potting and encapsulating polyurethane. It is used in potting electrical devices for automotive and telecommunication. U-73-3 had excellent moisture resistance and outstanding electrical properties. U-73-3 is a flexible low durometer hardness, urethane potting and encapsulating compound. The gel time allows time for vacuuming the compound as well as allowing for a relatively quick assembly turnover rate. Typical applications for U-73-3 would be the potting and encapsulating of sensitive electronic components and assemblies. U-73-3 also makes an ideal mold making compound.

Typical Technical Data:

Part A: Viscosity:	3000cps
Color:	Clear
Specific Gravity:	0.90
Part B: Viscosity:	3000cps
Color:	Amber
Specific Gravity:	1.12
Mixed: Viscosity:	20000cps
Color:	Amber
Specific Gravity:	0.98
Mix Ratio[A : B]:	100:43 by volume 100:53 by weight
Pot Life: 100 gram mass:	6 minutes
Shore A Hardness:	60-70 A
Tensile Strength (psi)	450
Elongation (%)	250
Modulus (psi)	250
Tear Strength (pli)	85
Surface Resistivity (ohm)	10 ¹⁷
Volume Resistivity (ohm-cm)	10 ¹⁵
Dielectric constant (1MHz)	3.3