

Strain Gage Cement

OTHER ACCESSORIES USED IN A PBX CEMENT INSTALLATION:

- CSM Degreaser or GC-6 Isopropyl Alcohol
- Silicon-Carbide Paper
- M-Prep Conditioner A
- M-Prep Neutralizer 5A
- GSP-1 Gauze Sponges
- GT-11 Camel Hair Brush
- SPT-1 Double Blade Spatula



RoHS
COMPLIANT



DESCRIPTION

Two-part ceramic cement/coating with excellent electrical insulating properties up to +1200°F (+650°C). Recommended as a high-temperature cement and coating for free-filament strain gages (wire and foil) and thermocouple applications. Provides good adhesion to most metals. **Contains a substance which is restricted in the European Union.**

CHARACTERISTICS	
PARAMETER	DETAILS
OPERATING TEMPERATURE RANGE	-452°F to +1200°F (-269° to +650°C).
ELONGATION CAPABILITIES	0.5% at +75°F (+24°C).
SHELF LIFE	Minimum six months at +75°F (+24°C). Refer to product label for most recent information.
POT LIFE	Minimum six months at +75°F (+24°C). Refer to product label for most recent information.
TEMPERATURE COEFFICIENT OF EXPANSION	7.0 ppm/°F (13 ppm/°C).
CURE REQUIREMENTS*	<p>Precoat: Air-dry 30 minutes at +75°F (+24°C), then 30 minutes at +200°F (+95°C) followed by 30 minutes at +300°F (+150°C).</p> <p>Final Coat: Air-dry 30 minutes at +75°F (+24°C), then 30 minutes at +200°F (+95°C) followed by 30 minutes at +300°F (+150°C), and final 1 hour at +600°F (+315°C).</p>

PACKAGING OPTIONS
KIT
1 jar powder (1 lb/454 gm) 1 bottle solvent (9 oz/279 ml)

* **Reference:** Instruction Bulletin B-179 for complete details.



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