

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's Hair Brush
- SPT-1 Double Blade Spatula

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.

CHARACTERISTICS

Operating Temperature Range:

−452° to +1200°F [−269° to +650°C].

Elongation Capabilities:

0.5% at +75°F [+24°C].

Shelf Life:

1 year at +75°F [+24°C].

Pot Life:

1 year at +75°F [+24°C].

Temperature Coefficient of Expansion:

7.0 ppm/°F [13 ppm/°C].

Cure Requirements:

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].

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].

PACKAGING OPTIONS

Kits:

- 1 jar powder [1 lb/454 gm]
- 1 bottle solvent [9 oz/279 ml]