

## Strain Gage Cement



### OTHER ACCESSORIES USED IN AN H 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
- H Cement Thinner

### DESCRIPTION

Single-part ceramic cement/coating. Excellent electrical-insulation properties, even at +1600°F [+870°C]. Good adhesion to most metals.

### CHARACTERISTICS

#### Operating Temperature Range:

-452° to +1600°F [-269° to +870°C].

#### Elongation Capabilities:

0.5% at +75°F [+24°C].

#### Shelf Life:

Minimum 1 year at +75°F [+24°C].

#### Pot Life:

Minimum 1 year at +75°F [+24°C].

#### Temperature Coefficient of Expansion

7.0ppm/°F [13ppm/°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 350°F [177°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 350°F [177°C], and final 1 hour at +600°F [+315°C].

### PACKAGING OPTIONS

#### Kits:

1 bottle [1oz/30ml] Cement

H Cement Kit A: 2 bottles [1oz/30ml] Cement

1 bottle [0.5oz/15ml] Thinner

1 bottle [2oz/60ml] Conditioner A

1 bottle [2oz/60ml] Neutralizer 5A

1 package 100-count CSP-1 Cotton Swabs

1 package 200-count GSP-1 Gauze Sponges

12 sheets [2in x 4.5in/50mm x 115mm] of 400-grit Silicon-Carbide Paper

H Cement Kit B: Same as H Cement Kit A except 6 bottles [1oz/30ml] Cement

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