

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:

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:

4 hours at +350°F [+175°C].

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 bottle [1 oz/30 ml] Cement

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

1 bottle [0.5 oz/15 ml] Thinner

1 bottle [2 oz/60 ml] Conditioner A

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

1 package 100-count CSP-1 Cotton Swabs

1 package 200-count GSP-1 Gauze Sponges

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

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