

## Strain Gage Cement

### OTHER ACCESSORIES USED IN AN WC-16 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



### DESCRIPTION

Single-part, alumina-based ceramic cement for use with ZC-, ZWH-, and ZWN-, and ZWP-Series high-temperature strain gages on materials with low thermal expansion coefficients. **Not for use on steel or other iron-based alloys.**

CHARACTERISTICS	
PARAMETER	DETAILS
OPERATING TEMPERATURE RANGE	–452°F to +1470°F (–269° to +800°C°). Higher upper temperatures can be achieved on ceramic parts up to 2190°F (1200°C).
ELONGATION CAPABILITIES	0.5% at +75°F (+24°C).
SHELF LIFE	12 months after date of manufacture. Store at +75°F (+24°C).
POT LIFE	2 weeks after opening. Refer to product label for most recent information.
TEMPERATURE COEFFICIENT OF EXPANSION	4 ppm/°F (7.2 ppm/°C).
CURE REQUIREMENTS	<p><b>Precoat:</b> Air-dry 30 minutes at +75°F (+24°C). Bake at +200°F (+93°C) for 30 minutes. Increase temperature to 400°F (204°C) for 30 minutes. Increase temperature to 600°F (315°C) for 30 minutes.</p> <p><b>Final Cure:</b> Air-dry 30 minutes at +75°F (+24°C). Bake at +200°F (+93°C) for 30 minutes. Increase temperature to 400°F (204°C) for 30 minutes. Increase temperature to 600°F (315°C) for 30 minutes.</p>

PACKAGING OPTION
1 bottle (1 oz/30 ml) cement

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