

Ceramic cement Hitec 701

For use with free filament high temperature strain gages.



Safety note:

Contains a small amount of chromium trioxide CrO₃. Avoid skin and eye contact. Proper workplace ventilation must be ensured. Wear safety goggles and polyethylene gloves. In case of skin contact wash the concerned area with soap and water. In case of eye contact, rinse with water for an extended period of time. Also read the material safety data sheet.

Hitec 701 cement is a high quality cement used for bonding strain gages and temperature sensors for high temperature applications. It can also be used to cover joints and splices and resists cracking in thicker applications. The cement bonds well to super-alloy materials and especially well to pure carbon composites.

Features:

- Excellent on mild steel and aluminum
- Excellent on pure carbon composites
- Cures at 300°C
- High electrical resistance
- Bonds well to super-alloys and porous ceramics

Specifications:

Temperature limit

-Static measurement -200 to +650°C

-Dynamic measurement -230 to +760°C

Strain limit 0,5%

Shelf life 6 month after opening

Storage Store at room temperature
in a tightly closed bottle

Refer to the respective instruction manual for details about surface preparation and curing cycles.

This product is not RoHS-compliant!

Status: August 2010

The Hitec 701 cement is available as 30ml bottle or in kit form which includes all materials required to install free filament strain gages.

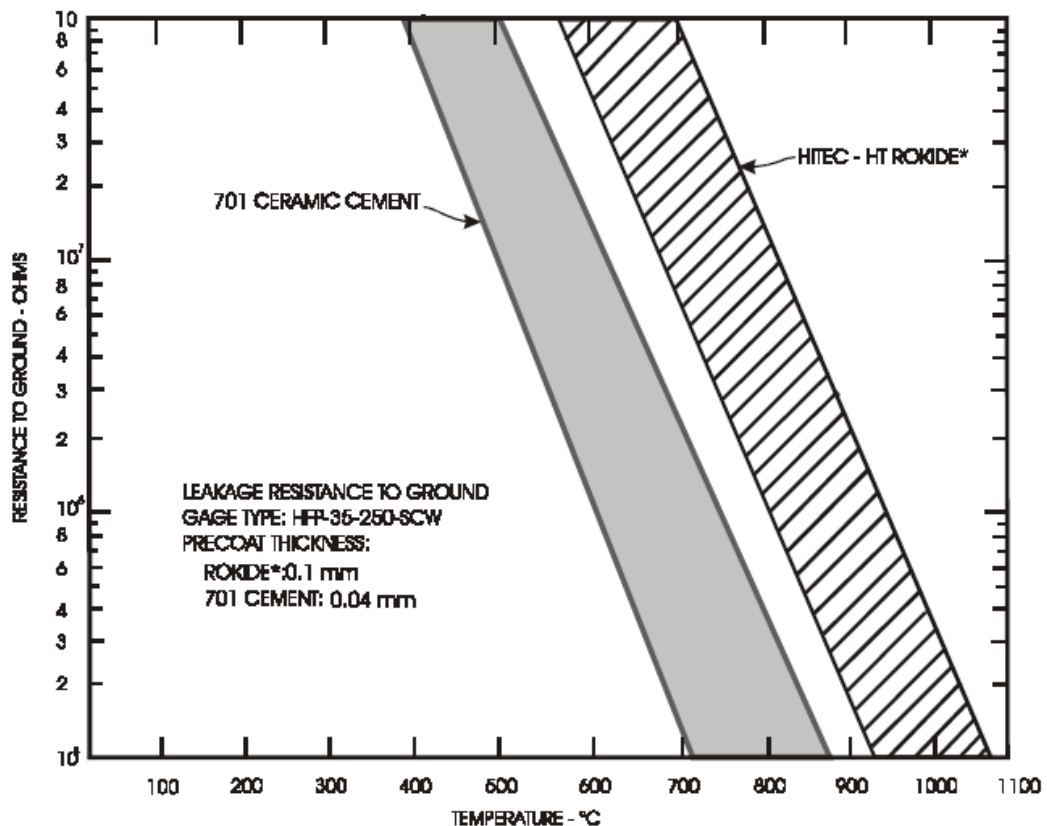
The 701 CERAMIC CEMENT KIT CONTENTS:

1. 701 Ceramic Cement, 1 oz. bottle
2. Alcohol, 1 oz. bottle
3. Pipette, (1)
4. 00 Artist's Brush, synthetic sable
5. 00B Artist's Brush, synthetic sable
6. Spatula, stainless steel
7. Surgical Gloves, 1 pair, medium
8. Tape Bars
9. Grit Paper, Norton 80 grit (6)
10. Tweezers
11. Gauze Pads
12. Complete Instructions and Application Tips

Ordering information

Hitec 701, bottle 30ml PN 200701
701 CERAMIC CEMENT KIT: PN 200701K

Resistance to ground chart:



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