



# 10-3006 QUICK SET PATCH & REPAIR EPOXY

## DESCRIPTION:

10-3006 is a new non-sag fast setting patch & repair epoxy system. This material has a convenient 1:1 mix ratio and will not run when used on vertical surfaces. 10-3006 is **dry to the touch in 5-10 minutes.**

10-3006 is a high performance epoxy adhesive that exhibits outstanding thermal shock, impact and vibration resistance.

## TYPICAL SPECIFICATIONS:

|                                    |                    |
|------------------------------------|--------------------|
| Mix ratio, by weight or volume     | 1:1                |
| Color, Resin                       | Black              |
| Catalyst                           | White              |
| Mixed                              | Grey               |
| Specific gravity, @ 25°C,<br>Resin | 1.45               |
| Catalyst                           | 1.33               |
| Viscosity, @ 25°C, cps,<br>Resin   | 116,000            |
| Catalyst                           | 37,500             |
| Gel time, @ 25°C                   | 5-6 Minutes        |
| Tensile strength, psi              | 1,135              |
| Dielectric constant, 60Hz          | 4.4                |
| Dissipation factor, 60Hz           | .03                |
| Volume resistivity ohm-cm          | 2x10 <sup>14</sup> |
| Dielectric strength, V/mil         | 380                |

## INSTRUCTIONS FOR USE:

1. Thoroughly mix equal parts of resin to catalyst by weight or volume.
2. Apply to surface(s) to be bonded and allow to cure at room temperature or accelerate with mild heat.

## PREPARATION OF SURFACES:

Surfaces to be bonded must be clean and grease free. Adhesion can be substantially increased by abrading the surface with emery cloth, sand paper, etc... A roughened porous surface will produce the best results. Any oxidized metal films should be removed just prior to application of the adhesives.

## IMPORTANT:

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