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SHEET-COATING
SPC8015

In situ "Curing"

**Pressure Sensitive
 Electrically Conductive with
 Insulating Rubber Overlay**

IDEAL FOR:

EMI shielding sheet-coating

DESCRIPTION:

SPC8015 is a laminate of a cross-linkable conductive pressure sensitive and an dry insulating overlay. The cross-linkable layer is designed to have improved bond strength at elevated temperature. The inner layer of SPC8015 is a silver filled, medium bond strength film adhesive. It is designed for bonding onto both ceramic and plastic surfaces to provide EMI shielding. As applied, it provides >300 psi bond strength that will improve to over 1000 psi in-situ over time.

TYPICAL PROPERTIES*

Electrical Resistivity (25 °C/ As Placed)	<5x10 ⁻⁴ ohm-cm
Dielectric Strength (Volts/mil)	>750
Glass Transition Temp.(°C)	-55
Current Carrying Capabilities	N/A
Lap-Shear Strength	
Device Push-off Strength	
Hardness (Type)	<60 (A)
Cured Density (gm/cc)	3.5
Thermal Conductivity	NA
Linear Thermal Expansion Coeff. (ppm/°C)	60
Maximum Continuous Operation Temp. (°C)	150

* Properties given are typical values and not intended for use in preparing specifications. The user is advised to evaluate the product in the manner the product is intended to be used in manufacturing and in the final product.

AVAILABILITY:

SPC8015 is available in sheet sizes or as custom preforms. Standard thicknesses are 0.004" and 0.006". Special thicknesses are available.

APPLICATION PROCEDURES:

- (1) Cut to desired size.
- (2) Remove one side of release paper from adhesive.
- (3) Place on substrate with rolling finger pressure.

<u>Temperature</u>	<u>Time</u>
25°C	As Applied
60°C	16 hr

SHELF LIFE:

<u>Storage temperature</u>	<u>Shelf Life</u>
25°C	1 yr from ship date

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