

# Konform® Ultra

## Fast Dry Acrylic Conformal Coating

**PRODUCT DESCRIPTION**

Konform® Ultra Fast Dry Acrylic Conformal Coating is formulated to provide maximum process throughput while also maximizing insulation protection against high-voltage arcing and corona shorts. The product dries to the touch rapidly allowing for fast and efficient handling. This extremely effective acrylic conformal coating provides a hard, durable protective barrier against humidity, salt, corrosive vapors and fungus for printed circuit board and electronic assemblies. Coating meets IPC-CC-830B Class B and sections of MIL-I-46058C, Type AR.


- Extremely fast drying allows quick throughput, minimizes processing time
- Excellent dielectric strength; superior insulation performance
- Protects in harsh environments
- Increases life of electronic assemblies
- No discoloration under normal use
- Contains a UV indicator for Quality Control inspection using medium intensity light at 265-335 nm

**TYPICAL APPLICATIONS**

Fast Dry Acrylic Conformal Coating® is ideal for applications in:

- Aerospace
- Data Communications
- Instrumentation
- Automotive Manufacturing
- Marine Manufacturing
- Process Control

**TYPICAL PRODUCT DATA AND PHYSICAL PROPERTIES**

<b>Usable Temp. Range of Cured Coatings</b>	-75°F to 270°F (-59°C to 132°C)
<b>Tack Free Time</b>	10 min.
<b>Curing Conditions (@ 80% R.H.)</b>	24 Hours @ 77°F (25°C) 8 Hours @ 130°F (54.5°C)
<b>Specific Gravity (Water=1) @ 68°F</b>	0.88 (Liquid Only)
<b>Viscosity (cps @ 77°F)</b>	23± 5 cps
<b>Flash Point (TCC)</b>	30°F
<b>Dielectric Strength (volts/mil)</b>	2,000 volts/mil
<b>Dielectric Breakdown (volts/mil)</b>	8300
<b>Coverage (1 mil/ft<sup>2</sup>)</b>	254.0 mil sq. ft. 20.2 mil sq. ft.
<b>Shelflife</b>	2 years
<b>RoHS Compliant</b>	
<b>CARB &amp; OTC VOC Content</b>	45% VOC
<b>SCAQMD VOC Content</b>	737g/L

\*Volatile Organic Compound (VOC) information is calculated on a weight basis using the VOC definition of California Air Resources Board (CARB) Consumer Product Regulations, South Coast Air Quality Management District (SCAQMD) Rule 102 and the Federal definition published in 40 CFR 51.100(s).

