

MS-465C / 467C Acrylic Conformal Coating

Description

A tough, fast drying, abrasion resistant coating providing protection against caustics and corrosives. Methacrylate copolymer resin offers excellent resistance to water, alcohol, dilute acids & alkalis, chemical fumes and corrosive or oxidizing environments. It offers excellent weatherability and superior abrasion resistance. It is solderable for ease of repair.

Allow 48 hours minimum to reach room temperature before using cans stored or received during cold weather.

Application

Acrylic Conformal Coating is water-white in color and transparency, with high gloss and hardness. It dries in 10 minutes and is fully cured in 24 hours. At a 2 mil. thickness, coverage is approximately 7.6 square feet per 14 oz. aerosol can of MS-465C, and 95 square feet per gallon of MS-467C.

NOTE: DO NOT SHAKE CAN AGGRESSIVE; INVERT CAN AND PURGE AFTER EVERY USE. Valve and actuator clogging will occur if this is not performed.

Urethane conformal coating can be removed with MS-114C or MS-115 Conformal Coating Strippers.

Cured Electrical Properties

Dielectric Strength, volts/mil	2000
Dielectric Constant @ 10 ⁵ Hz	3.42
Dissipation Factor @ 10 ⁵ Hz	0.031

Cured Physical Properties

Glass Transition Temperature	168F/76C
Tukon Hardness, Knoop No.	13
Acid Number	5
Tensile Strength (23°C/73°F @ 50% RH)	1,600 psi
Elongation at Break (23°C/73°F @ 50% RH)	0.50%
Operating Temperature	23F/-5C to 168F/76C

Fluorescent when viewed with ultraviolet light.
Miller-Stephenson offers urethane, acrylic and silicone conformal coatings available in aerosol and bulk liquid.

Safety Data Sheets (SDS) are available upon request.

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