



Technical Data Sheet

CRAMOLIN® URETHANE CLEAR Art. No. 121

Product description

URETHANE CLEAR is a high-quality single component polyurethane lacquer, that protects and insulates PC boards, electrical motors, transformers, electronic equipment and components. It offers protection from different environmental conditions such as humidity, salty corrosive vapors, fungus and thermal and mechanical stress. It forms a hard, stable, flexible, non-conductive and wear resistant film with excellent adherence.

Application

Protection of printed circuit boards, components, wires, cables, etc. URETHANE CLEAR eliminates or prevents creepage current, corona effects, short circuits or discharges. It is also suitable for corrosion protection of parts subjected to bad atmospheric conditions.

Please note

First clean surface to be treated. DEGREASER is ideally suited to that task. Shake the can well before first use. Apply a uniform layer maintaining a distance of approx. 30 cm. If required, apply a second layer after 24 hours. URETHANE CLEAR is dry to permit handling within 20 minutes. After use, turn can upside down and press spray button several times. If spray nozzle gets clogged, clean it using acetone.

Storage / Shelf Life

Shelf life is 2 years if stored correctly.
Package after emptying to be disposed via metal scrap.



Technical Data

Appearance:	transparent
Specific gravity:	0,79 [g/cm³]
Drying time:	approx. 25 min dry to touch approx. 48 h totally cured
Temperature range:	-40 – 130 [°C]
Viscosity:	12 s (aerosol) (DIN 53211)
Protection:	against diluted acids and alkalis humid salty, salty vapors alcohol fungus, thermal and mechanical stress chlorinated solvents
Surface resistance:	$2,5 \times 10^{12} [\Omega]$
Resistivity:	$5,1 \times 10^{14} [\Omega \text{ cm}]$
Dielectric strength:	82,9 [kV/mm]
Dielectric constant:	2,21 (1000 Hz)