

# Technical Datasheet



**Article No. 120**

**Article Plastik**

**Available sizes**

**400ml**



## Product description / Please note

PLASTIK is a lacquer based on acrylic resins which is particularly suitable for electronics. It forms a shiny, flexible and protective film that is resistant to acids, salt, fungus, corrosive vapors, thermal stress, mechanical abuse, alkalis, alcohol, moisture, and tough environmental conditions. It is effective within a wide range of temperature from -70° C to +120°C. PLASTIK does not drip and permits soldering through its own layer.

## Application

Protection of printed circuit boards, components, wires, cables etc. Elimination or prevention of creepage, corona effects, short circuits and discharges. Corrosion protection of parts under bad atmospheric conditions. Waterproofing of various materials such as cardboards, wood or leather. The surface has to be free of greases, oil and wax. Spray on the whole part from a distance of approximately 30cm as otherwise the applied layer might dissolve.

## Physical Properties

Color	colorless
Odor	solvent
Specific gravity at 20°C	0,88 [g/cm <sup>3</sup> ]
Drying condition at room temperature	25min dry to touch 48h totally cured
Necessary coat thickness	20 - 50 [µm]
Coverage	5 - 8 [m <sup>2</sup> /400ml can]
Temperature resistance	-70 up to +120 [°C]
Viscosity	12s [DIN 53211]
Resistance	to acids, salt, corrosive vapors thermal stress, alkalis, moisture
Surface resistance	5 x 10 <sup>14</sup> [Ω]
Insulation resistance	10 <sup>14</sup> [Ω]
Dielectric strength	21 [kV mm] up to 790kg (Falex)

## Storage / Shelf life

Shelf life is 2 years if stored correctly.

Package after emptying to be disposed via metal scrap.