

勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-34970699  
 勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)

# TECHICAL DATA SHEET

## Conformal Coating

### L20

Usage	Spraying
Color	Colorless
Specific gravity (g/cm <sup>3</sup> )	0.88
Drying conditions at room temperature	25 min dry to touch 48h totally cured
Drying conditions in an oven	First 10-15min at room temperature Then 2-4 h at 60-70°C in an oven
Necessary coat thickness (μm)	20-50
Coverage (m <sup>2</sup> /l)	10-20
Temperature resistance(°C)	-70 up to + 120
Viscosity (DIN 53211)	12 s
Resistance	To acids, salt , corrosive vapors , thermal stress, alcohol mechanical abuse ,alkalis, moisture
Surface resistance (Ω)	5 *10 <sup>14</sup>
Insulation resistance (Ω)	10 <sup>14</sup>
Dielectric strength (KV/mm)	21

L-20 is based on acrylic resin 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 retains its effectiveness within a wide range of temperatures from -70°C to + 120°C . L-20 adheres to various materials such as metal, plastics, wood, glass, etc. It does not drip and permits soldering through is own layer.

### Application

Protection for printed circuit boards, components, wires, cables etc. Elimination or prevention of creepage current, corona effects, short circuits and discharges. Corrosion protection of parts subjected to bad atmospheric conditions. Waterproofing of various materials such as cardboard, wood, leather etc.

## Directions

Surface to be treated has to be free of greases, oil, wax etc. Spray on the whole surface of parts to be treated, maintaining a distance of approximately 30cm, otherwise the layer applied will flow. Should the spray nozzle get clog, clean it using thinner, acetone or turpentine.

## Package

1 Liter / 20 liters

## Storage

Store the material in cool and dry place. Keep tip cap in clamped when after used.

Avoid the high temperature and spark to cause fire or explosion.

Industrial use only, keep out of children can reach it.

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