

industrial adhesives

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PERMACOL® UV-adhesive type 325 is a one component epoxy adhesive, which is designed for substrates for metals glass and plastics. PERMACOL® UV 325 cures fast upon UV-light with 330 – 380 nanometer wavelength. This product is clear and transparent with excellent chemical, moisture and shock resistance. PERMACOL® UV 325 has also a high temperature resistance.

Product properties:

PERMACOL[®] UV 325

UV curable adhesive with low viscosity

Colour	: Clear, transparent
Viscosity	: 400 ± 100 mPa.sec / 23℃
Specific gravity	: 1,12 g/cm ³
Refractive index (film)	: 1.49
Shrinkage on cure	: < 0,5%
Flash point C.O.C.	:>200℃
Volume resistivity	: 1,5 x 10 ¹⁵ ohm.cm
Shelf life	: One year, storage +15 - 25℃
Odour	: Mild

Curing time (330-380 nanometer): 30 sec to 3 min, at 75 – 200mW/cm² depending on time, intensity and temperature

Film properties:

Transparency	: Clear, transmission 99%
Temperature resistance	: -40°to + 180℃
Hardness	: 90° Shore D
Glass transition temp. (Tg)	: 150℃
Coefficient of thermal exp.	: 25 PPM/℃

Manual of instruction:

- 1. The surface has to be cleaned carefully and dry
- 2. Apply UV 325 by brush or dip
- The exposuretime of 330-380 nm wavelength is depending of several conditions: Temperature UV- Intensity delivered to the coating Thickness of the coating applied UV-absorption of the exposed material

Packaging:

30 ml syringe 100 g and 500 g bottle

- Legal Disclaimer

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