

Product Data

Solvent Type Silicone Coating YE3085

YE3085 is a one-component, low viscosity, acetoxycure, solvent type silicone coating that cures on exposure to atmospheric moisture to form an elastic silicone rubber. This product has an easily pourable consistency and excellent adhesion to metals, plastics, ceramics, glass, etc without the use of primers.

KEY FEATURES

- ◆ Low viscosity
- ◆ Primerless adhesion to many substrates
- ◆ Excellent weatherability, ozone, and chemical resistance
- ◆ Excellent electrical insulation properties
- ◆ Simple and easy-to-use one-component system

APPLICATIONS

- ◆ Industrial coating

TYPICAL PROPERTY DATA

TYPICAL UNCURED PROPERTIES		
Appearance		Pale yellow transparent
Viscosity (23°C)	Pa·s {P}	0.9 {9}
Tack-free Time (23°C)	min	15
Silicone content	%	50
Solvent		Toluene
TYPICAL CURED PROPERTIES (7days @23°C)		
Appearance		Transparent rubber
Specific gravity		1.03
Hardness (Type A)		30
Tensile strength	MPa {kgf/cm ² }	2.5 {25}
Elongation	%	400
Thermal conductivity	W/(m·K) {cal/(cm·s·°C)}	0.18 {4.4×10 ⁻⁴ }
Volume resistivity	MΩ·m {Ω·cm}	1×10 ⁷ {1×10 ¹⁵ }
Dielectric strength	kV/mm	20
Dielectric constant (60Hz)		3.3
Dissipation factor (60Hz)		0.003

Typical property data values should not be used as specifications.

GENERAL INSTRUCTION FOR USE

- ◆ Wear eye protection when handling uncured sealant as it can irritate eyes.
- ◆ In case of eye contact, immediately flush eyes well with water and contact a physician.
- ◆ Extended contact with the skin may cause irritation and should be avoided.
- ◆ This product releases toluene and acetic acid vapors during cure. Adequate ventilation must be maintained in the work place at all times.
- ◆ This product is inflammable. Do not use near any source of flame or ignition.

STORAGE

- ◆ Store in a cool, dry place out of direct sunlight.
- ◆ Keep out of the reach of children.

PACKAGING

- ◆ 500g bottle available in cases of 10 bottles
- ◆ 15kg can available

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FOR INDUSTRIAL USE ONLY

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