



Technical Data Sheet

DOWSIL™ Q3-3442 PLUS EU Flowable Acetoxy

Flowable one part acid curing RTV silicone for elastomeric textile coating

Features & Benefits

- Low viscosity, good penetration into fabric
- Good antislip properties
- Excellent adhesion to a variety of fabrics

Composition

- Does not use Di-butyl tin catalyst

Applications

- The main application is to coat narrow width synthetic fabrics for suspender less stocking tops, brassieres and trousers waistbands.

Typical Properties

Specification Writers: These values are not intended for use in preparing specifications.

Test ¹	Property	Unit	Result
CTM 0176B	Appearance		Clear flowable liquid
	Active ingredient	%	100
CTM 0050FG	Viscosity	MPa.s	50000–75000
CTM 0137A	Tensile strength	MPa	> 1
CTM 0137A	Elongation at break	%	> 300
CTM 0099	Durometer hardness, Shore A		15–20
CTM 0137A	Modulus 100%	MPa	0.36–0.44

1. CTM: Corporate Test Method, copies of CTM's are available on request.

Description

DOWSIL™ Q3-3442 PLUS EU Flowable Acetoxy cures by interaction with moisture. It can be pumped readily from the container using a transfer pump with follower plate. Care must be taken to avoid water or humidity in the conduits to avoid premature curing. When using a ribbon coating machine, the cure is usually accelerated by increasing the absolute amount of water vapor in the air. This is controlled by the temperature in combination with the relative humidity.

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DOWSIL™ Q3-3442 PLUS EU Flowable Acetoxy

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Usable Life And Storage

When stored between -10°C (14°F) and 30°C (86°F) in the original unopened containers, this product has a usable life of 12 months from the date of production. Prior to use ensure the product has achieved a minimum ambient temperature of 10°C (50°F). Using product below 10°C (50°F) will reduce the cure speed.

Packaging

This product is available in 20 kg and 200 kg containers.

Limitations

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

Health And Environmental Information

To support customers in their product safety needs, Dow has an extensive Product Stewardship organization and a team of product safety and regulatory compliance specialists available in each area.

For further information, please see our website, www.consumer.dow.com or consult your local Dow representative.

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