



Technical Data Sheet

DOWSIL™ 734 Flowable Sealant

Flowable silicone adhesive sealant

Features & Benefits

- One-part adhesive/sealant
- Cures at room temperature when exposed to moisture in the air
- Acetoxy cure system
- Flowable and self-leveling
- Easy to apply
- Cures to a tough, flexible rubber
- Fast tack-free time
- Good adhesion to many substrates
- Stable and flexible from -65°C (-85°F) to +180°C (+356°F)
- Excellent dielectric properties
- Complies with MIL-A-46106

Applications

- General industrial sealing and bonding applications requiring a flowable product.
- Particularly suitable for sealing assemblies with fine joints as well as cable entries and connectors, to ensure that they remain water tight.
- Due to its good adhesion to other silicone rubbers, ideally suited for making field repairs on existing equipment where a part of an existing silicone encapsulant has been removed.

Typical Properties

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

CTM ¹	ASTM ¹	Property	Unit	Result
As supplied				
0176		Appearance		Flowable liquid
		Colors		Clear, white
0050	D1084	Viscosity at 25°C (77°F)	mPa.s	45,000
0098		Skin-over time	minutes	7
0095		Tack-free time	minutes	13
0208		Non-volatile content after 24 hours at 70°C (158°F)	%	95

1. CTM: Corporate Test Method, copies of CTMs are available on request.
ASTM: American Society for Testing and Materials.

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