

CALSIL Machinery and Equipment

ADH 33 AT



Product Description:

Calsil® ADH 33AT is an Industrial adhesive sealant that cures at room temperature as soon as the product comes into contact with atmospheric moisture.

1. Key Properties

- Acetoxy
- Extra fluid
- Fast cure
- Stable and flexible from -50°C + 250°C
- Self-adhesive: usually no primer is needed

2. Applications

Calsil® ADH 33 AT is ideal for sealing of electrical heating systems.

3. Typical Properties (not for sales specifications, please contact us prior to writing sales specs)

Properties	Units	Values
Appearance		Acetoxy, extra fluid
Colour		translucent
Min temperature service	°C	-50
Max temperature service	°C	+250
Viscosity	MPas	7000
Hardness	ShA	22
Tensile Strength	MPa	0.7
Elongation at break	%	165
Tack-free time	min	10
Specific gravity		1
Young modulus	Mpa	0.31
Modulus at 100% strain	Mpa	0.2
Linear shrinkage	%	0.8
Volume resistivity	Ωcm	1.10 ¹⁶
Surface resistivity	Ω	3.10 ¹⁶
Dielectric constant at 1 MHz		3.0
Dissipation factor at 1 MHz		2.5 10 ⁻³

4. Preparation

All surfaces should be thoroughly cleaned and degreased with a solvent (i.e. naphtha, mineral spirits, MEK). Light surface abrasion promotes good cleaning and increases the surface area for bonding

5. Handling

This document does not contain safety precautions. Before handling this material, please read the Material Safety Data Sheet, check the label on the container, and conform to the safety, physical and hazard guidelines and precautions. The Material Safety Data Sheet is available from your nearest CALDIC office.

6. Storage and Shelf Life

This product should be stored in its original unopened containers at a temperature between +2°C and +30°C. Keep away from fire, sunlight and rain during storage and transportation. It can be used within the 24months following its production date.

7. Packaging

Calsil® ADH 33AT is available in 310 ml cartridges.

8. Restrictions

It is not suitable to be used in medical, human injection, pharmaceutical or food applications.

9. Limited Warranty PLEASE READ CAREFULLY

- The information herein is offered in good faith. It is believed to be accurate at the time of shipment.
- It should not be used as a substitute for the customer's test, the customer bears the responsibility to ensure that the product matches the intended application is safe and achieves the desired benefits.
- The product warranty is limited to the refund value of the purchase or the replacement only when it is demonstrated that the product is out of the agreed sales specifications.
- CALSIL® is a registered trademark of CALDIC BV. All rights reserved.

For more information, please contact our nearest office:

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