

## Datasheet

# White Silicone Sealant Paste 310ml Cartridge

RS Stock number [494-102](#)



### Description:

A medium modulus silicone adhesive/sealant designed for applications where non - corrosive cure and durable adhesion is required.

### Features:

- One component adhesive/sealant
- Cures at room temperature when exposed to moisture in the air
- Alkoxy cure system
- Non sag, paste consistency Easy to apply
- Excellent adhesion to many substrates
- Stable and flexible form  $-55^{\circ}\text{C}$  ( $-67^{\circ}\text{F}$ ) to  $+177^{\circ}\text{C}$  ( $350^{\circ}\text{F}$ )
- Complies with FDA 177.2600
- Meets UL 94 HB Flame Classification Complies with MIL-A- 46146
- Non Corrosive Low Odor
- COMPOSITION: 100% Silicone Adhesive/Sealant

### Applications:

General industrial sealing and bonding applications where non-corrosive cure is required.  
Complies with MIL-A-46146, FDA 177.2600 and UL 94 HB

**Typical properties:**

<b>Standard*</b>	<b>Property</b>	<b>Unit</b>	<b>Value</b>
	Color		Off-white
<b>As supplied</b>			
CTM 0176	Consistency		Non-slump paste
CTM 0364	Extrusion Rate	g/min	145
	3.2 mm orifice, 0.62 MPa		
CTM 0098	Skin-Over-Time	min	15
CTM 0095	Tack-Free-Time	min	46
CTM 0097	Specific Gravity at 25°C		1.33
<b>As cured – 7 days at 25°C and 50% R.H.</b>			
ASTM D 2240	Hardness, Shore A		35
ASTM D 412	Tensile Strength	MPa	1.9
ASTM D 412	Elongation at Break	%	350
ASTM D 149	Dielectric Strength	kV/mm	18.7
ASTM D 257	Volume Resistivity	Ohm·cm	$7.7 \times 10^{14}$
ASTM D 150	Dielectric Constant at 25°C		
	at 100 Hz		3.30
	at 10 kHz		3.21
ASTM D 150	Dissipation Factor at 25°C		
	at 100 Hz		$8.7 \times 10^{-3}$
	at 10 kHz		$2.8 \times 10^{-5}$
CTM 0293	Adhesion – Peel Strength	kN/m	7.0
	Adhesion on Aluminum after 3 days at 25 °C		

\* CTM: Corporate Test Method

\* ASTM : American Society for Testing and Materials.