

Silastic® Medical Adhesive Silicone, Type A

Silicone

Dow Corning Corporation

Message:

Silicone adhesive/sealant

APPLICATIONS

Silastic® Medical Adhesive Silicone, Type A is a one-component, low slump, translucent silicone material for bonding elastomers, synthetics, and metals for part fabrication and medical devices

DESCRIPTION

Silastic Medical Adhesive Silicone, Type A is a one-component, low-slump, translucent silicone used to permanently bond materials. It is solventless and cures at room temperature upon exposure to atmospheric moisture. During the curing process, the silicone adhesive releases acetic acid vapor as a by-product. After final cure, the resulting silicone elastomer possesses the appearance, texture, and general composition of many conventional silicone elastomers.

General Information			
Uses	Sealant		
	Medical/nursing supplies		
	Adhesive		
Agency Ratings	DMF not rated		
Appearance	Translucent		
Forms	Adhesive		
Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	1.06	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	35		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	3.30	MPa	ASTM D412
Tensile Elongation (Break)	450	%	ASTM D412
Uncured Properties	Nominal Value	Unit	
Skin Forming Time - 55% RH	7.0 - 8.0	min	
NOTE			
1.	25°C		

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