NuSil MED-1037

Silicone

NuSil Technology

Message:

Restricted Healthcare Silicones Definition: NuSil Technology's restricted materials may be considered for use in short-term implant applications, 29 days or less, or for external applications.
Silicone adhesives are elastomers or pressure sensitive adhesive systems that are designed to bond silicone surfaces to each other and to other substrate surfaces such as metals and plastics. There are one-part and two-part adhesives, ranging in consistency from flowable to non-flowable (non-slump).
In general, silicone adhesives adhere well to substrates such as glass, aluminum, titanium, other silicones, and some ceramics. While various types of materials can be used as adhesives, silicones are consistently chosen for their many inherent properties and overall versatility.
Comments: NON-SLUMP, THIXOTROPIC

General Information		
Features	Biocompatible	
	Good Chemical Resistance	
	Moisture Resistant	
	Thixotropic	
Uses	Adhesives	
	Medical/Healthcare Applications	
	Sealants	
Agency Ratings	USP Class VI	
Mechanical	**Nominal Value**	**Unit**
Tensile Strength (100% Strain)	0.965	MPa
Additional Information	**Nominal Value**	**Unit**
Cure System	Acetoxy	
Extrusion Rate	180	g/min
Uncured Properties	**Nominal Value**	**Unit**
Density	1.07	g/cm^3
Curing Time (23°C)	72	hr
Pot Life (25°C)	< 8.0	min
Cured Properties	**Nominal Value**	**Unit**
Shore Hardness (Shore A)	25	
Tensile Strength	4.31	MPa
Tensile Elongation at Break	550	%

Recommended distributors for this material

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