

Loctite® 5900 Form-in-place Heavy Body RTV Silicone Heavy Body Flange Sealant

Category : Polymer , Adhesive , Thermoset , Silicone , Silicone, RTV, Adhesive/Sealant Grade

Material Notes:

Silicone Gasketing Loctite® Silicone Gasketing materials include unique products with excellent resistance, formulations for high operating temperatures, and UV-curing formulations for cure-in-place production requirements. Silicone gasketing products are best suited for large gap applications and stamped metal assemblies where flexing occurs. Loctite® 5900 Form-in-place Heavy Body RTV Silicone Heavy Body Flange Sealant Superior flexibility and adhesion accommodates joint movement. Heavy-body provides instant seal. Excellent oil and transmission fluid resistance. Non-corrosive. Low odor. Low volatility. Black. Cure Type: Moisture Typical Use: High adhesion, instant seal

Order this product through the following link:

http://www.lookpolymers.com/polymer_Loctite-5900-Form-in-place-Heavy-Body-RTV-SiliconeHeavy-Body-Flange-Sealant.php

Physical Properties	Metric	English	Comments
Density	1.34 g/cc	0.0484 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	35	35	
Tensile Strength, Ultimate	1.38 MPa	200 psi	
Elongation at Break	550 %	550 %	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	204 °C	400 °F	
Minimum Service Temperature, Air	-53.9 °C	-65.0 °F	

Processing Properties	Metric	English	Comments
Cure Time	20.0 min	0.333 hour	Tack-free
	1440 min	24.0 hour	Full Cure; Varies with substrates

Descriptive Properties	Value	Comments
Color	Black	
Extrusion Rate	35 g/min	
Gap Fill	0.24 in.	

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