

Loctite® Ultra Grey® 5999 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® 5999 Form-in-place Heavy Body RTV Silicone Ultra Grey® Flange Sealant High modulus for rigid flange assemblies. Heavy body provides instant seal. Excellent oil, transmission fluid, gear oil, and water/glycol resistance. Non-corrosive. Low odor. Low volatility. Grey. Cure Type: Moisture Typical Use: Oil/water resistant, instant seal

Order this product through the following link:

http://www.lookpolymers.com/polymer_Loctite-Ultra-Grey-5999-Flange-Sealant.php

Physical Properties	Metric	English	Comments
Density	1.45 g/cc	0.0524 lb/in³	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60	60	
Tensile Strength, Ultimate	3.45 MPa	500 psi	
Elongation at Break	175 %	175 %	

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	10.0 min	0.167 hour	Tack-free
	1440 min	24.0 hour	Full Cure; Varies with substrates

Descriptive Properties	Value	Comments
Color	Grey	
Extrusion Rate	105 g/min	
Gap Fill	0.24 in.	

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