

PERMATEX SUPRA BLUE GASKET MAKER

DESCRIPTION

Permatex Supra Blue RTV Silicone Gasket is a single component, room temperature vulcanizing gasketing compound designed to provide reliable “formed-in-place” gaskets for mechanical assemblies. This material cures on exposure to moisture in the air to form a tough, flexible, silicone rubber gasket. The product resists aging, weathering and thermal cycling without hardening, shrinking or cracking. Designed for superior bonding properties to oil contaminated metals as compared to other formed-in-place gaskets, and maintains outstanding oil resistance. OEM Specified.

DIRECTIONS FOR USE

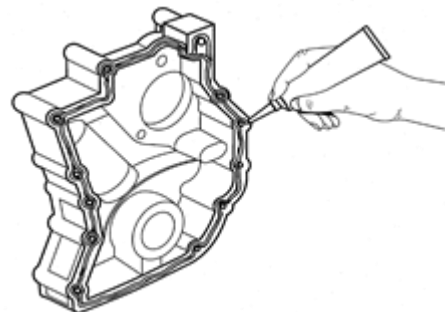
- For assembly as a form-in-place gasket
1. Remove all previous material from mating surfaces.
 2. For best results, clean and dry all surfaces with a residue-free solvent.
 3. Cut nozzle to desired bead size.
 4. Remove cap, puncture tube or cartridge seal and attach extension nozzle.
 5. Apply a continuous and even bead of silicone to one surface.

PRODUCT BENEFITS

- Sensor safe, non-corrosive
- Superior adhesion and flexibility
- Improved oil resistance
- Replaces most cut gaskets
- Low odor
- Can be used as a gasket maker or dressing
- Non-flammable, Non-toxic

TYPICAL APPLICATIONS

- Timing gear covers
- Transmission pans
- Valve covers
- Oil pans



TECHNICAL CHARACTERISTICS

Before use:	METHODS	SPECIFICATIONS		
		MIN.	TYPICAL	MAX
Appearance			Blue thixotropic paste	
Temperature resistance			-70°C up to +270°C	
Continuous working temp.			-60°C up to +240°C	
Application temperatures ¹			+5 °C up to +45°C	
Extrusion speed (s)	20 gr, 2 mm nozzle, 2.75 bar	60	120	180
Slag (inch)	ASTM D 2202		0.1	0.2
Tack free time (min.)	UNE 27390/P20		40	
Curing rate, at 23°C, 50% RH	K30027			
(mm): 24 hr			4	
48 hr			6	
hr				
Density (g/cc)	ASTM D-1475		1.19	

¹ Due to condensations that might occur and affect adhesion, it is recommended against sealing on substrates at <5 ° C temperatures.



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TECHNICAL DATA SHEET

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Totally Cured product 7 days at 23°C and 50% RH	METHODS	SPECIFICATIONS		
		MIN.	TYP.	MAX.
Hardness (Shore A)	ISO 868-2003	31	36	41
Tensile strength (MPa)	ISO 37-2005	0.9	1.4	1.9
E modulus at 100% elongation (MPa)	ISO 37-2005	0.55	0.7	0.85
Elongation at break (%)	ISO 37-2005	170	230	290

HEAT RESISTANCE: characteristics after 1 week at 300°C	METHODS	SPECIFICATIONS		
		MIN.	TYP.	MAX.
Hardness (Shore A) (%)	ISO 868-2003		41	
Tensile strength (%)	ASTM D 412/C		0.9	
Elongation at break (%)	ASTM D 412/C		75	

The information herein is offered in good faith based on KRAFFT's research and it is believed to be accurate. KRAFFT keeps the right to modify the specification without previous notice.