

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.

DIRECTIONS FOR USE

For assembly as a form-in-place gasket

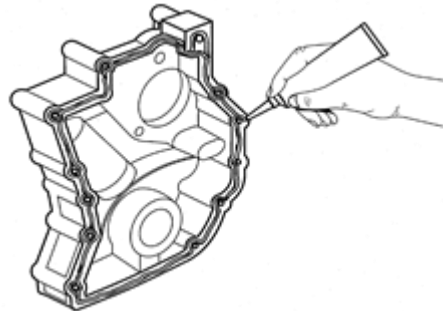
1. Remove all previous material from mating surfaces.
2. For best results, clean and dry all surfaces with a residue-free solvent.
3. Cut nozzle to desired bead size.
4. Remove cap, puncture tube or cartridge seal and attach extension nozzle.
5. Apply a continuous and even bead of silicone to one surface.

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 +350°C	
Continuous working temp.			-60°C up to +310°C	
Application temperatures ¹			+5 °C up to +45°C	
Extrusion speed (s)	20 gr, 2 mm nozzle, 2.75 bar	75	120	300
Slag (inch)	ASTM D 2202	0	0.1	0.3
Tack free time (min.)	K30027		60	
Curing rate, at 23°C, 50% RH (mm): 24 hr 48 hr			4 6	
Density (g/cc)	ASTM D-1475		1.05	

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



KRAFFT S.L.U.
Carretera de Urnieta s/n
E-20140 Andoain - SPAIN
Fax:+34 943 410 424
Phone:+34 943 410 400
www.krafft.es
www.permatex.eu

TECHNICAL DATA SHEET

35115

PERMATEX SUPRA BLUE GASKET MAKER

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	1.5	1.9
E modulus at 100% elongation (MPa)	ISO 37-2005	0.55	0.8	0.85
Elongation at break (%)	ISO 37-2005	170	220	290

HEAT RESISTANCE: characteristics after 1 week at 300°C	METHODS	SPECIFICATIONS		
		MIN.	TYP.	MAX.
Hardness (Shore A) (%)	ISO 868-2003		41	
Tensile strength (%)	ISO 37-2005		0.9	
Elongation at break (%)	ISO 37-2005		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.