

1281B

One Component RTV Silicone FIPG

Outline

Three Bond 1281B is a one component room temperature curing silicone based sealant.

Main Features

- Gear box oil resistance;
- High viscosity therefore excellent initial pressure resistance;
- Excellent heat and cold resistance. Wide temperature range : -60-200°C (momentary resistance 250°C) yet maintains rubber properties.

Usage applications

Gear box sealing.

Properties

	Unit	Measured value	Test method
Appearance	-	Red paste	3TS-201-02
Reaction mechanism	-	oxime	-
Viscosity/SOD (23°C)	Pa.s	120	3TS-210-08
Specific gravity	-	1,45	3TS-213-02
Tack free time	min	8-13	3TS-219-04

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THREE BOND CO.Ltd Tokyo, Japon.

Characteristics

After hardening

Standard hardening conditions Elasticity : $(20 \pm 2^{\circ}\text{C}) \times (65 \pm 5\% \text{ RH}) \times 7 \text{ days}$

Shear adhesive strength $(20 \pm 2^{\circ}\text{C}) \times (65 \pm 5\% \text{ RH}) \times 7 \text{ days}$

	Unit	Measured value	Test method
Appearance	-	Rubber elasticity	3TS-201-02
Hardness	-	57-62	3TS-215-01 (JIS-A)
Elongation	%	200-250	3TS-320-01
Tensile strength	MPa {kgf/cm ² }	4,5-5	3TS-320-01
Shear adhesive strength (iron/iron)	- MPa	- 1,3-1,8	3TS-301-23

Usage method

Wipe off moisture, oil and other foreign matter from surface. Joint the parts as soon as possible after dispensing the sealant.

Packaging

- 310 ml cartridge

Disclaimer

For Industrial Use Only

(Do not use for household proposes)

- Because the data contained in this report are results experiments based on our test method, we cannot assume absolute responsibility for accuracy and safety. Before using this product, use your own judgement to determine whether or not this product meets the requirements of the application and objectives this includes the burden of responsibility and hazard danger. The extent of the guarantee is provide replacement for product which is clearly unsatisfactory.
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- We do not assume responsibility without written notice or contract.

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