

## TECHNICAL DATA

### ThreeBond 1207B

### Liquid Gasket

**Three Bond 1207B** is silicone rubber based, one component type black coloured liquid gasket. It sets automatically at room temperature when reacts upon exposure to air moisture. No hardeners, activators or heat required. Bonding strength increases as it hardens. The resultant rubber-like solid resists both heat and cold. It maintains stability and original qualities under a wide range of temperature from -60°C to +250°C.

### Features

- Highly resistant to heat and cold
- Excellent electric insulation
- Solvent-less; minimal shrinkage
- Ideal for sealing comparatively large clearances

### Characteristics

#### Before curing

Items	Units	Result	Remarks
Appearance	-	Black	Visual
Reaction	-	De-Acetone	-
Visosity	Pa.s	100	SOD at 25°C
Specific gravity	-	1.01	At 25°C-
Sagness	-	Non-sag	At 25°C
Tack free time	min	7	-
Flash point	°C	45	-
Auto Ignition point	°C	> 200	-

All recommendations and statements are based on our research and we believe them to be reliable. We cannot guarantee the results obtained through the use of our products. All products are sold and samples are given without warranty, expressed or implied, of fitness for any particular purpose or otherwise. The user shall make his own tests to determine the suitability of the product for his purpose. No agency or representative or employee of this company is authorised to change this provision.

TB 1207B

## After curing

Items	Units	Result	Remarks
Appearance	-	Rubber elasticity	-
Hardness	JIS A	30	-
Elongation	%	426	-
Tensile Strength	MPa	1.5	-
Tensile Strength			
Fe / Fe	MP	1.6	-
Al / Al		0.9	

Curing conditions : RTV at 20 °C+/-2°C, 65%+/-5% RH for 7 days

## Pressure Resistance (kg/cm<sup>2</sup>)

At room temperature	90
80 °C	95
150 °C	95
After cold-heat cycle	110

## Chemical Resistance (change in weight %)

Water @ 95 °C	-0.6
Anti-freeze @ RT	-1.0
Gasoline @ 60 °C	+5.0
Engine Oil @ RT	-6.0

## Handling Precautions

1. Use at well ventilated area.
2. Keep away from children.
3. Combustible. Do not use near fire.
4. Harmful. Do not touch or breathe vapour of this product.
5. In case of eye contact, rinse with water for 15 minutes, then consult a physician.
6. Wash eyes after removing contact lens.
7. Do not use on medical implants.
8. Contains harmful ingredients. Do not use on tap water or hot water pipes.
9. Copper and copper alloy will corrode.
10. Depending on the surface, the surface may deteriorate. Before using, confirm effect of the product.
11. Nonconductive. Do not use near electrical contact point.
12. After use, tightly close lid then store.
13. Avoid direct sunlight, store at low humidity area. (10 ~25°C)
14. For industrial use only.

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## Shelf Life

12 months when stored at 10-25<sup>0</sup>C unopened.

## Packaging

Available in packing of 100g, 333cc cartridge and 17kg peal tin.

## Disclaimer

**For Industrial Use Only**

(Do not use for household purposes)

- The data contained in this report are obtained from experimental results, based on our test methods. 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 hazardous danger. The extent of the guarantee provides replacement for products, which are clearly unsatisfactory.
- We assume responsibility for neither injury nor property damages resulting from the misuse of this product.
- We do not assume responsibility without written notice or contract.