

ThreeBond 1212

RTV silicone-based

ThreeBond **1212** is a one component silicone based liquid gasket. It vulcanizes at room temperature (RTV) and forms a rubber-like elastic body offering excellent resistance to vibration and shock. It also has an excellent resistance to heat, automotive oils and fluids and effectively seals joints that are subjected to high temperature

1. Features

- Oxime type
- One component solvent free silicone
- Moisture curing
- Service temperature : from -60°C to 200°C
- Excellent thermal, chemical resistance
- Excellent initial pressure resistance
- Quick tack free time

Uses

- Seals engine oil pan, and other engine parts

2. Properties

Before curing

Test	Results	Units
Colour	White paste	-
Viscosity at 25°C	100	Pa.s
Specific gravity at 25°C	1.04	-
Tack free time	7	min

After Curing

Test	Results	Units
Appearance	Elastic rubber	-
Hardness	30	Shore A
Elongation	300	%
Tensile strength	2.0	MPa
Shear strength Al / Al	1.0	MPa

Chemical resistance (weight change percentage)

Test	Results	Units
Oil resistance	+ 5.0	%
Water resistance	+ 1.3	
Gasoline resistance	-15.1	

3. Handling

- Before use, please refer to the safety data sheet.
- Prior to opening the container, let it reach room temperature to avoid condensation inside.
- To obtain optimal results, remove humidity, grease and other impurities from the surfaces to be assembled.
- Depending on the materials (dimensions and surface roughness), apply an appropriate and uniform amount of liquid gasket on the surface, then assemble rapidly.
- Tack free time and curing speed will vary depending on room temperature and humidity ratio.
- Please respect the curing time of product before submission to heavy loads.
- The product once transferred into another container should not be returned to the original one. Any excess product should be wiped out using a cloth.
- Excess product may be removed using TB2890E cleaner.
- Keep the product in its original container, tightly sealed and store it in a dark, dry and well ventilated place at **10 ~ 25°C**.
- **ThreeBond disclaims all liability for products stored under conditions other than those indicated.**