

# 1592

1592 is a single component adhesive that has low odor and excellent high temperature resistance and insulation, intermittently resistant to 370°C.

This material is recommended for sealing of irregular flanges, bonding of metal, glass, synthesized fiber, wood and many plastics.

<b>Technology / Base</b>	Silicone
<b>Type of Product</b>	Adhesive
<b>Components</b>	One component
<b>Curing</b>	Room temperature cure
<b>Appearance / Color</b>	Red
<b>Consistency</b>	Paste

### Features and Benefits

- One component requires no mixing
- Low odor
- Excellent high temperature resistance and insulation

### Curing Profile

Recommended cure:

- (23±2)°C, (50±5)%RH for 21 days

Contact HB Fuller technical support for additional curing recommendations.

### Typical Packaging

Please contact your local Sales Office for available packaging options.

### Disposal Advice

Please refer to the MSDS for disposal instructions.

### Application Instructions

1. For best result, clean and dry the surfaces to be sealed with TONASAN® 1755.
2. Cut nozzle to desired size, then insert into the caulking gun.
3. Apply a continuous and even bead of silicon to one surface, surround all bolt holes.
4. Assemble parts immediately. Remove excess with knife at once.
5. Use up as much as possible. If some material remains, extrude cured part when ready to reuse.

### Safety Advice

Please refer to the MSDS for safety advice.

### Storage Conditions

Product shall be ideally stored in a cool, dry area in unopened containers.

Shelf Life: 12 months from date of manufacture.

Technical Data

	Value	Condition/Method
<b>Viscosity</b> <b>Extrusion Rate(Pressure</b> <b>0.30Mpa, 3mm nozzle, 23°C)</b>	Thixotropic Paste (10~14) s/20g	JB/T 7311
<b>Density</b>	1.07 g/cm <sup>3</sup>	GB/T 13477
<b>Curing</b> Tack Free Time Curing Depth(24h)	(3~10) min ≥2mm	GB/T 13477 GB/T 29595
<b>Cured Mechanical Properties</b> Hardness Tensile Strength Elongation to Break	32 ShoreA 1.9 MPa 330%	GB/T 531 GB/T 528 GB/T 528
<b>Thermal Indication</b> Thermal Service Range	(-54~320)°C	
<b>Heat-Conducting Property</b> Thermal Conductive	0.30 W/m·K	DIN EN 821
<b>Electrical Property</b> Volume Resistivity	7.0×10 <sup>14</sup> Ω·cm	GB/T 1692
<b>Heat Aging Property</b> <b>(175°C for 168h)</b> Tensile Strength Elongation to Break	1.9 MPa 330%	GB/T 528 GB/T 528

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