

1596

1596 is a single component adhesive that has low viscosity and excellent oil resistance.

This material is recommended for sealing of oil pan, transformer flange, gear box, transmission, plane sealing of general machine and electrical equipment.

Technology / Base	Silicone
Type of Product	Adhesive
Components	One component
Curing	Room temperature cure
Appearance / Color	Gray
Consistency	Paste

Features and Benefits

- One component requires no mixing
- Low viscosity
- Excellent oil resistance

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.

Safety Advice

Please refer to the MSDS for safety advice.

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.

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
Viscosity	Thixotropic Paste	
Density	1.18 g/cm ³	GB/T 13477
Curing		
Tack Free Time	(5~20)min	GB/T 13477
Curing Depth(24h)	≥2mm	GB/T 29595
Cured Mechanical Properties		
Hardness	(28~38) ShoreA	GB/T 531
Tensile Strength	≥1.8 MPa	GB/T 528
Elongation to Break	≥260%	GB/T 528
Heat Aging Property (175°C for 168h)		
Tensile Strength	2.0 MPa	GB/T 528
Elongation to Break	170%	GB/T 528
Oil Resistance (Immersion in 15W30 oil at 150°C for 100h)		
Tensile Strength	1.8 MPa	GB/T 528
Elongation to Break	300%	GB/T 528

Date Modified: 09/07/2021

Connecting what matters.™

IMPORTANT: Information, specifications, and procedures provided ("information") are based on our experience, and we believe this information to be accurate. However, no representation, guarantee or warranty is made as to the accuracy or completeness of the information or that use of the product will avoid losses or damage or give desired results. It is purchaser's sole responsibility to test and determine the suitability of any product for the intended use. No employee, distributor or agent can change the aforesaid or make any guarantee.



NOTE TO USER: by ordering/receiving product, you accept the **H.B. Fuller General Terms and Conditions of Sale** applicable in the region. Please request a copy if you have not received this documentation. These Terms and Conditions contain disclaimers of implied warranties (including but not limited to disclaiming warranties of fitness for a particular purpose) and limits of liability. All other terms are rejected. In any event, (1) **the total aggregate liability of H.B. Fuller for any claim or series of related claims, however arising, in contract, tort (including negligence), breach of statutory duty, misrepresentation, strict liability, or otherwise, is limited to replacement of affected products or refund of the purchase price for affected products.** (2) H.B. Fuller shall not be liable for **loss of profit, loss of margin, loss of contract, loss of business, loss of goodwill, or any indirect or consequential losses** arising out of or in connection with product supply. (3) Nothing in any term shall operate to exclude or limit H.B. Fuller's liability for fraud, gross negligence, death, or personal injury caused by negligence, or for breach of any mandatory implied terms unless permitted by law.