

PIPE AND THREAD SEALANT WHITE

PART NO. AS10

DESCRIPTION

AS10 is a single-component, anaerobic pipe sealant with PTFE. It is designed for the locking and sealing of metal pipes and fittings and provides immediate low pressure sealing performance on tapered pipe threads.

PHYSICAL PROPERTIES

Technology / Base	Methacrylate Ester
Type of Product	Pipe Thread Sealant
Components	One Component
Curing	Anaerobic with Secondary Heat Cure
Appearance / Color	Off-White
Consistency	Paste

TECHNICAL DATA

TEOMINICAL DATA				
Property	Value	Method/Condition		
Rheology				
Viscosity	540,000 +/- 260,000 cps	Brookfield at 25°C, Spindle 64, 2 rpm		
Density				
Specific Gravity	1.10	N/A		
Uncured Materials Characteristics				
Flash Piont Gap Fill Shelf Life Storage Condition	> 93°C (200°F) 0.025 inch 12 months unopened 20°C (68°F)	N/A N/A N/A N/A		
Cured Materials Characteristics				
Full Cure Conditions Cure Appearance RoHS Compliant	24 hours at 25°C Off-White Solid Yes	N/A N/A N/A		
Cured Mechanical Properties				
Locking Strength Breakaway Torque Prevailing Torque Service Temperature	Low 25 to 75 in-lb 20 to 40 in-lb -55°C to 205°C (-65°F to 400°F)	N/A ASTM D5649 ASTM D5649 N/A		



INSTRUCTIONS

Surfaces to be bonded should be clean, dry and free of grease. Product should be applied in enough quantity to fill all engaged threads. The product performs best in thin bond gaps. Very large gaps may create gaps that will affect the cure speed and overall strength. Good contact is essential. An adequate bond develops in 15 to 45 minutes and maximum strength is attained per the cure schedule indicated. This product is not recommended for use in pure oxygen environments and/or oxygen-rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials. This product is not designed for plastics, particularly thermoplastics, where stress cracking of the plastic could result. It is recommended to confirm compatibility of the product with all substrates prior to use.

CURING PERFORMANCE

The rate of cure will depend on environmental conditions and the substrates used. The gap of the bond line will affect set speed. Smaller gaps tend to increase set speed. Activators may be applied to further improve set speed, but may also impair overall adhesive performance.

STORAGE

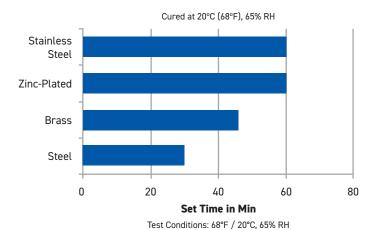
Products should be stored unopened in a cool, dry place out of direct sunlight. Products may be refrigerated for improved shelf life, but should be brought back to room temperature before use.

SAFETY & DISPOSAL

For safe handling information on this product, consult the Safety Data Sheet (SDS).



SET TIME ON VARIOUS SUBSTRATES

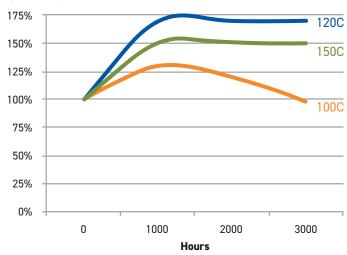


SOLVENT RESISTANCE

Solvent	Example	Resistance
Alcohol	Ethanol, methanol	Excellent
Ester (aromatic)	Ethylacetate	Poor
Ketone (aromatic)	Acetone, benzophenone	Poor
Aliphatic hydrocarbon (alkanes)	Petrol, heptanes, hexane	Good
Aromatic hydrocarbons	Benzyl, toluol, xylol	Good
Halogenated hydrocarbons	Methylenchloride, chloroform, chlorobenzol	Poor
Weak aqueous acid	Nitrite, muriatic acid, sulphuric acid, phosphoric acid	Excellent (poor if concentrated)
Weak aqueous base	Sodium hydroxide solution, caustic potash	Excellent (poor if concentrated)

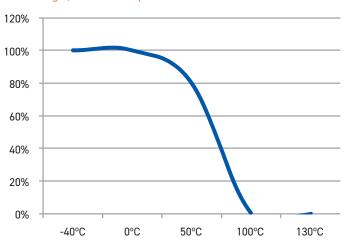
HEATING AGING

Aged at Temperature Indicated & Tested at 22°C



HOT STRENGTH

%RT Strength, Tested at Temperature



DISCLAIMER

IMPORTANT: The information, specifications, procedures and recommendations herein (together "information") are based on our experience and we believe these to be accurate. No representation, guarantee or warranty is made as to the accuracy or completeness of the information or that the information will avoid losses or damages or give desired results. It is user's sole responsibility to test and determine the suitability of any product for the intended use. Tests should be repeated if materials or conditions change in any way. The user is advised to review the specific context of the intended use to determine whether the user's intended use violates any law or infringes upon any patent(s). No employee, distributor or agent has any right to change these facts and offer a guarantee of performance.

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 these. 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.

Unless otherwise noted, trademarks are property of H.B. Fuller Company or one of its affiliated entities. Gorilla and GorillaPro are registered trademarks of The Gorilla Glue Company. © H.B. Fuller Company, 2022.

TDS - Pipe and Thread Sealant - AS10 - Updated 11-10-2021



