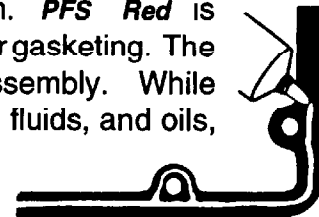


## **Polymeric Flange Sealant - PFS Red**    *Technical Data Sheet*

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**GENERAL INFORMATION:** *SAF-T-LOK* anaerobic adhesive/sealants are a specialized series of single component, solvent free compounds that are individually formulated for locking, sealing, retaining and bonding metal parts and assemblies. Stable in the presence of air, these products cure when placed between mating metal parts, forming a resilient, vibration-proof polymer shim. *SAF-T-LOK* adhesive/sealants provide the user with additional performance characteristics, including resistance to corrosion or galvanic attack, as well as solvent resistance; while allowing disassembly with normal tools, if necessary.

**PRODUCT DESCRIPTION:** *SAF-T-LOK PFS Red* conforms to the surface imperfections and tool marks on flanged surfaces, thus allowing a metal-to-metal fit of the parts and eliminating the need to retorque compressible mechanical gaskets. This improves the sealing integrity of the joint. The rheology of *SAF-T-LOK Polymeric Flange Sealant* facilitates screening or pressure feed for robotic application. *PFS Red* is designed for light threadlocking on coarse threads as well as for gasketing. The relatively low bond strength permits convenient field disassembly. While uncured product is compatible with fuels, solvents, hydraulic fluids, and oils, cured joints are chemically resistant.



### **PRODUCT CHARACTERISTICS: (Paste)**

|                          |                                |
|--------------------------|--------------------------------|
| <b>Color</b>             | <b>Translucent Red</b>         |
| <b>Specific Gravity</b>  | <b>1.17 gm/cc</b>              |
| <b>Viscosity</b>         | <b>2,500,000 cps</b>           |
| <b>Flash Point</b>       | <b>&gt;250° F</b>              |
| <b>Temperature Range</b> | <b>-65°F to +300°F</b>         |
| <b>Fluorescence</b>      | <b>Visible</b>                 |
| <b>Storage Stability</b> | <b>+ 12 Months at &lt;75°F</b> |

### **PERFORMANCE CHARACTERISTICS: (Cured)**

|   |                                   |
|---|-----------------------------------|
| <b>Locking Shear</b>                      | <b>2,500 psi</b>                  |
| <b>Cure Speed</b>                         |                                   |
| <b>Without Primer</b>                     | <b>24 Hours</b>                   |
| <b>With Primer</b>                        | <b>45 Minutes</b>                 |
| <b>Gap Filling</b>                        | <b>.001 - .050 in.</b>            |
| <b>Locking Torque(3/8-16 Class 2 fit)</b> |                                   |
| <b>Breakaway</b>                          | <b>50 in. lb</b>                  |
| <b>Instant Sealing</b>                    | <b>&lt;100 psig on NPT piping</b> |
| <b>Chemical Resistance</b>                | <b>Excellent</b>                  |

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**IMPORTANT NOTICE:** All statements and technical data contained herein are based on tests we believe to be reliable, but the accuracy of completeness thereof is not guaranteed. It is recommended that the buyer test this product to determine its suitability for his application before use. *SAF-T-LOK* Corporation is not responsible for loss, claim or damages resulting from use of its products.