

Flange-Seal

Technical Data Sheet

GENERAL INFORMATION: *SAF-T-EZE Flange-Seal* is a unique polymer gel formulated to seal flanges with or without gaskets. It is used with any gasket construction without fear of deterioration. *Flange-Seal* holds pre-cut gaskets in place during assembly as a tacking agent and also allows for repositioning. It will provide low pressure seals for gaskets but the operating pressure is dependent upon flange thickness and geometry.

TYPICAL PROPERTIES:

1. Permanently flexible - non-hardening - removable
2. Fills gaps to .010 inch and seals many surface flaws
3. Vibration resistant - absorbs shock and thermal cycling without cracking or degradation.
4. Operating temperature range -60°F to +600°F
5. Resistance to all fuels, oils, gases, coolants and fluorocarbons.

HOW TO APPLY:

Paste Grades: Apply a flat, thin bead of *Flange-Seal* to surface. Spread out sealant to cover all gasketing areas. Allow solvent to flash before assembling mating parts.

Liquid Grades: Apply with brush or dispense from squeeze bottle onto flange surfaces or gasket area. Allow solvent to evaporate before assembly or gasket tacking.

Depending on application thickness, solvent evaporation time will vary. The thicker the bead, the longer it will take for the solvent to evaporate. A 10 mil thickness takes approximately 10 minutes. If faster assembly time is desired, a heat gun will greatly speed up the evaporation rate. If sufficient time is not allowed for solvent evaporation, bolts must be retorqued after 24 hours.

SHELF LIFE:

There is no change in consistency or appearance as long as the container is resealed after using. If the cap is left off and the solvent evaporates, additional 1,1,1, trichloroethane can be added.

CLEAN UP:

Scrape off the bulk of material with a knife and wipe the remainder with any chlorinated solvent or use *Gasket-Off*.

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-EZE* Division, *STL* Corporation is not responsible for loss, claim or damages resulting from use of its products.