

DESCRIPTION

Polywater[®] GrandSlam Pipe Joint Lubricant is a high-performance lubricant formulated specifically for pipe joining.

GrandSlam Lubricant provides maximum friction reduction between concrete and pipe gaskets. Its special wax technology fills microscopic pores in concrete. GrandSlam is a subaqueous paste that can be applied by hand, brush, swab, or cloth.

PRODUCT BENEFITS

- Superior Friction Reduction – Formulated with wax that fills the pores of concrete.
- Compatible with Pipe Gaskets – Thoroughly tested to be compatible with common gasket materials.
- Easy to Use – Can be applied with many different methods. Will not wash off with running water.

SUBAQUEOUS WASH OFF TESTING

Grandslam has excellent persistence on concrete. Testing was done using conditions described in ASTM C 497* Section 12.3. A clean piece of concrete pipe is wetted with an 1/8 inch layer of lubricant covering the area of a 4"x4" square. The specimen is then washed for five minutes with a soft stream (250 ml/min) of tap water (70°F) from a height of 2 feet. After air drying, the washed off area shall be divided by the original coated area and multiplied by one hundred to determine the percent washed away.

DESCRIPTION	PERCENTAGE WASHED OFF	RESULT
Grandslam on concrete	3.5%	Subaqueous

* ASTM Test Method C 497 Standard Test Methods for Concrete Pipe, Concrete Box Sections, Manhole Sections, or Tile.

OFFICIAL APPROVALS

NSF/ANSI/CAN 61 Certified for use in potable water systems.



PHYSICAL PROPERTIES

PROPERTY	PERFORMANCE
Appearance	Opaque, cream to light-green gel
Viscosity (Brookfield)	Thick gel viscosity (>200,000 cps @ 10 rpm)
pH	6.0 to 7.0 (neutral)
% Nonvolatile solids	>80%
VOC Content	0 g/L (97 g/L Winter Grade)

GASKET COMPATIBILITY

GrandSlam Lubricant is compatible with common gasket materials. It does not cause weight gain, swelling, or hardness changes in natural rubber or EPDM gasket materials. These gasket materials were tested according to ASTM C 497 standard method.* After 3 days of exposure, none of the test specimens showed failures.

* ASTM Test Method C 497 Standard Test Methods for Concrete Pipe, Concrete Box Sections, Manhole Sections, or Tile.

APPLICATION PROPERTIES

GrandSlam Lubricant is available in two grades: Regular Grade GrandSlam and Winter Grade GrandSlam for cold weather use in temperatures as low as -0°F (-18°C). GrandSlam can be applied by hand, brush, swab, or towel.

GrandSlam Lubricant washes off hands, tools, and clothing with soap and water. It is odor free.

Temperature Use Range:

GrandSlam: 32°F to 120°F (0°C to 50°C).	Winter Grade GrandSlam (Winter Grade version): 0°F to 120°F (-18°C to 50°C)
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Temperature Stability:

GrandSlam will not phase-out or separate after five freeze/thaw cycles or 5-day exposure at 120°F (50°C).

Environmental Safety:

GrandSlam and Winter Grade GrandSlam are approved by NSF/ANSI/CAN 61 for use in potable water systems. This certifies that GrandSlam is harmless to people and the environment. It can safely be used in the field.

Combustibility:

GrandSlam has no flash point. Its dried residue is non-flammable and will not support combustion or spread flame.

STORAGE AND HANDLING

Store tightly sealed, away from direct sunlight. Polywater Grandslam GSQ has a shelf life of 12 months. Winter Grade GrandSlam GWQ has a shelf life of 24 months.

CONTACT US

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IMPORTANT NOTICE: The statements here are made in good faith based on tests and observations we believe to be reliable. However, the completeness and accuracy of the information is not guaranteed. Before using, the end-user should conduct whatever evaluations are necessary to determine that the product is suitable for the intended use.

American Polywater expressly disclaims any implied warranties and conditions of merchantability and fitness for a particular purpose. American Polywater's only obligation shall be to replace such quantity of the product proven to be defective. Except for the replacement remedy, American Polywater shall not be liable for any loss, injury, or direct, indirect, or consequential damages resulting from product's use, regardless of the legal theory asserted.

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