

SOLVENTS

CEMENTS FOR JOINTING

SOLVENT
CEMENT **WELDING**
IS ONE OF THE MOST
COMMONLY USED
JOINTING TECHNIQUES
FOR ABOVE
GROUND PIPING.
INSTALLING PVC-U, PVC-C.



GREY CEMENT LOW VOC PVC SOLVENT

Specification:

Color	GREY
Resin	PVC
Specific Gravity	0.963 +- 0.04
Brookfield Viscosity	Minimum 1600 cps



Regular bodied, fast setting, Low VOC PVC cement for all classes and schedules with interference fit through 4" (110 mm) diameter (except Schedule 80). Excellent for irrigation, electrical conduit, pool & spa and plumbing, including PVC foam core pipe.

MAX RECOMMENDED PIPE SIZE (INTERFERENCE FIT)	4" (110 mm)
RELATIVE SET TIME	Fast
APPLICABLE	ASTM D 2564
PERFORMANCE	NSF/ANSI 14
SPECIFICATION	NSF/ANSI 61
SHELF LIFE	4 Years



GENERAL DESCRIPTION:

Hydroplast® 717™ is a clear or gray, low VOC emission, heavy bodied, medium setting, high strength PVC solvent cement for all classes and schedules of pipe and fittings, including Schedule 80, with interference fit through 12 inch (315 mm) diameter. It has good gap filling properties and is recommended for solvent welding joints where a sizable gap exists between pipe and fitting – e.g. large pipe sizes – and when more working time is required in warm weather.

APPLICATION:

Hydroplast 717 is for use on all types of PVC plastic pipe applications, Type I and Type II. It is suitable for use with potable water pressure systems, irrigation, turf, conduit, industrial pipe applications, sewer, drain, waste and vent systems.

AVAILABILITY:

Gray cement is available in ½ pint (237 ml), pint (473 ml), quart (946 ml) and gallon (3.785 l) metal cans. Clear cement is available in ¼ pint (118 ml), ½ pint (237 ml), pint (473 ml), quart (946 ml) and gallon (3.785 l) metal cans. For detailed information on containers and applicators, see our current Price List.



STANDARD & CERTIFICATION:

- Meets ASTM D2564 Standard
- Meets SCAQMD Rule 1168/316A
- Credit can be earned per LEED® (Leadership in Energy and Environmental Design), IEQ Credit 4.1.
- Certified by NSF International for compliance with ASTM D2564, NSF/ANSI Standard 14, and NSF/ANSI Standard 61 for use on potable water, drain, waste, vent and sewer applications.
- Gray Cement Only – Meets CSA standards** B137.3 and B181.2 for use in pressure and nonpressure potable water, drain, waste, and vent applications.
- Listed by IAPMO for compliance with ASTM D2564 and applicable sections of the latest edition of the Uniform Plumbing Code®.
- CSA standards are not applicable to clear cement



PRODUCT SHELF LIFE:

Hydroplast 717 Clear: 4 years. Hydroplast 717 Gray: 3 years. Cement must be stored in tightly sealed containers. The date code of manufacture is stamped on the bottom of the container. Stability of the product is limited by the evaporation of the solvent when the container is opened. Adding of solvents is not recommended and may significantly change the properties of the cement.



QUALITY ASSURANCE:

Hydroplast 717 is carefully evaluated to assure that consistent high quality is maintained. Fourier transform infrared spectroscopy, gas chromatography, and additional in depth testing ensures each batch is manufactured to exacting standards. A batch identification code is stamped on each can and assures traceability of all materials and processes used in manufacturing this product.



SPECIAL PRECAUTION:

Hydroplast solvent cements must never be used in PVC piping systems using or being tested by compressed air or gases; including air-over-water booster. Do not use in conjunction with flue gas ventilation systems. Do not use a dry granular calcium hypochlorite as a disinfecting material for water purification in potable water piping systems.

The introduction of granules or pellets of calcium hypochlorite with PVC solvent cements and primers (including their vapors) may result in a violent chemical reaction if a water solution is not used. It is advisable to purify lines by pumping chlorinated water into the piping system – this solution will be nonvolatile. Furthermore, dry granular calcium hypochlorite should not be stored or used near solvent cements and primers.

This product is intended for use by skilled individuals at their own risk. Installers should verify for themselves that they can make satisfactory joints under varying conditions. Detailed directions on making solvent cemented joints are printed on the container label. It is highly recommended that the installer review the instructions supplied by the pipe and fitting manufacturer.

Refer to the current Hydroplast 717 Safety Data Sheet for additional safety precautions, first-aid, storage, handling, transportation and disposal information.



CEMENTS WARRANTY:

Hydroplast Adhesives, Inc. warrants to all original purchasers of Hydroplast products that all new Hydroplast products shall be of good quality and free from defects in material and workmanship for the product's shelf life. If any Hydroplast product becomes defective, or fails to conform to this written limited warranty under normal use and storage conditions, and if the original purchaser complies with the terms of this limited warranty, then Hydroplast will, without charge, replace the nonconforming product.

This limited warranty shall extend to all products manufactured and sold by Hydroplast. However, this limited warranty shall not extend to, nor shall Hydroplast be responsible for, damages or loss resulting from accident, misuse, negligent use, improper application, or incorporation of Hydroplast products into other products. In addition, any repackaging of Hydroplast products also shall void the limited warranty provided herein.

Any implied warranty in connection with any Hydroplast product hereby is limited in duration to the period of this limited warranty. Hydroplast shall not be responsible for, nor does this limited warranty extend to, consequential damage, or incidental damage or expense, including without limitation, injury to persons or property or loss of use. This limited warranty is in lieu of all other express warranties of Hydroplast, and Hydroplast does not assume, nor does it authorize any person to assume on its behalf, any other obligation or liability.



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