

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.



ORANGE CEMENT

LOW VOC CPVC SOLVENT

Specification:

Color	ORANGE
Resin	CPVC
Specific Gravity	0.995 +- 0.04
Brookfield Viscosity	Minimum 1600 cps



Regular bodied, fast setting, low VOC CPVC cement for copper tube size and Schedule 40 pipe and fittings with interference fit through 2" (63 mm) diameter. For potable water to 180°F (82°C). Suitable for residential plumbing and industrial systems.

MAX RECOMMENDED PIPE SIZE (INTERFERENCE FIT)	2" (110 mm)
RELATIVE SET TIME	Fast
APPLICABLE	ASTM D 2846 , ASTM F 493
PERFORMANCE	NSF/ANSI 14
SPECIFICATION	NSF/ANSI 61
SHELF LIFE	2 Years



GENERAL DESCRIPTION:

Hydroplast® 714™ is an orange or gray, low VOC emission, heavy bodied, medium setting, high strength CPVC solvent cement for all classes and schedules of CPVC pipe and fittings with interference fit through 12 inch (315 mm) diameter, including Schedule 80. It has good gap filling properties and its medium set allows more working time in warm weather.

APPLICATION:

Hydroplast 714 is for use on cold and hot water systems up to 180°F (82°C) maximum, in industrial piping, residential, recreational vehicles and mobile homes plumbing. It can be used on copper tube size CPVC pipe and fittings, but FlowGuard Gold® CPVC cement by Hydroplast is recommended for such application.

AVAILABILITY:

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



STANDARD & CERTIFICATION:

- Meets ASTM F493 and D2846 Standards
- 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 F493, NSF/ANSI Standard 14, and NSF/ANSI Standard 61 for use on potable water, drain, waste, vent and sewer applications.
- Orange Cement Only - Listed by IAPMO for compliance with ASTM F493 and applicable sections of the latest edition of the Uniform Plumbing Code®.



PRODUCT SHELF LIFE:

Hydroplast 714 Orange: 3.5 years. Hydroplast 714 Gray: 2 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 714 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 714 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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