



## PRODUCT BULLETIN

# 5714 CPVC

Low VOC CPVC SOLVENT CEMENT

### GENERAL DESCRIPTION:

PRO-WELD 5714 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:

PRO-WELD 5714 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 GOLD CPVC cement by PRO-WELD is recommended for such application.

Detailed directions on making solvent cemented joints are printed on the container label. An installation DVD/CD covering solvent cementing is available. It not only describes the basic principles of solvent cementing, but also covers the handling, storage and use of our products. It is highly recommended that the installer review the instructions supplied by the pipe and fitting manufacturer.

**NOTE:** PRO-WELD solvent cements must never be used in a CPVC system using or being tested by compressed air or gases; including air-over-water booster.

### AVAILABILITY:

Orange cement is available in 50ml and 100ml Aluminium Metal Tube, ¼ pint (118 ml), 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

### STANDARDS AND CERTIFICATION LISTINGS:

- Meets ASTM F 493 and D 2846 Standards.
- Meets SCAQMD Rule 1168/316A.
- Compliant with LEED® (Leadership in Energy and Environmental Design). When using this PRO-WELD Low VOC product, credit can be claimed for LEED Green Building Rating System – Indoor Environmental Quality.
- **Orange Cement Only** (i.e. yellow oxide tone) - Meets CSA standard B137.6 for hot and cold-water distribution systems.

### SPECIFICATIONS:

COLOR:	Orange Or Gray
RESIN:	CPVC
SPECIFIC GRAVITY:	0.898 ± 0.040
BROOKFIELD VISCOSITY:	Minimum 1600 cP @ 73° ± 2°F (23° ± 1°C)

### SHELF LIFE:

2 years 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. Evaporation of solvent will cause the cement to thicken and reduce its effectiveness. Adding of thinners to change viscosity is not recommended and may significantly change the properties of the cement.



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**QUALITY ASSURANCE:**

PRO-WELD 5714 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 solvent cement.

**SPECIAL PRECAUTION:**

PRO-WELD solvent cements must never be used in PVC or CPVC piping system 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 or CPVC 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 PRO-WELD 5714 Safety Data Sheet for additional safety precautions, first-aid, storage, handling, transportation and disposal information***

**WARRANTY:**

MIGHTY PLUMBING SOLUTIONS ADHESIVES LLC. (“MPS”), warrants to all original purchasers of MPS products that all new MPS products shall be of good quality and free from defects in material and workmanship for the product’s shelf life. If any MPS 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 MPS will, without charge, replace the nonconforming product.

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

Any defective MPS products shall be replaced pursuant to the terms of this limited warranty by returning the defective product, with transportation charges prepaid, to MPS at the following address:

227 Pine Meadow Court, North Brunswick, NJ 08902, U.S.A.

Any implied warranty in connection with any MPS product hereby is limited in duration to the period of this limited warranty. MPS 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 MPS, and MPS does not assume, nor does it authorize any person to assume on its behalf, any other obligation or liability.

