



## 500™ CTS

Weld-On® 500™ CTS is a yellow, ultra low VOC emission, medium bodied, fast setting, CPVC solvent cement for CPVC copper tube size SDR 11 pipe and fittings with interference fit through 2 inches (63 mm) diameter.

ONE STEP CEMENT – formulated to be used without primer if Codes permit. For potable water to 180°F (82°C). Suitable for residential plumbing and industrial systems.

- Ultra low VOC emissions. Meets SCAQMD Rule 1168/316A.
- GreenGuard Gold certified. Visit the UL Sustainable Database at [www.spot.ul.com](http://www.spot.ul.com) to find all the sustainable credits covered by UL GreenGuard Gold.
- High strength performance. Meets ASTM F493, D2846 and the Uniform Plumbing Code. Certified by NSF International and IAPMO.



PW-G/DWW/SW



### PRODUCT SPECIFICATIONS

|                           |                                                                                                                                 |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Pipe type                 | All Rigid CPVC, copper tube size                                                                                                |
| Cement Uses               | For potable water to 180°F (82°C). Suitable for residential plumbing and industrial systems.                                    |
| Maximum Diameter          | 2" (63 mm)                                                                                                                      |
| Color                     | Yellow                                                                                                                          |
| Relative Set Time         | Fast Set                                                                                                                        |
| Body                      | Medium Bodied                                                                                                                   |
| Performance Specification | ASTM F493 & D2846<br>SCAQMD Rule 1168/316A<br>NSF/ANSI Standard 14 and 61<br>IAPMO Uniform Plumbing Code<br>CSA standard B137.6 |
| Brookfield Viscosity      | Minimum 500 cps                                                                                                                 |
| Specific Gravity          | 0.977 ± 0.04                                                                                                                    |
| VOC Emissions             | 377 g/L                                                                                                                         |
| Shelf Life                | 2 Years                                                                                                                         |
| LEED Compliant            | Credit can be earned per LEED® (Leadership in Energy and Environmental Design), IEQ Credit 4.1                                  |

### SPECIAL PRECAUTION

Weld-On solvent cements must never be used in plastic 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 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 Safety Data Sheet for additional safety precautions, first-aid, storage, handling, transportation and disposal information.**

**STORAGE TEMPERATURE: 40°F (4C) AND 90°F (32°C).**

**Refer to website for complete Terms and Conditions.**

