

**GENERAL DESCRIPTION:**

WELD-ON® 778™ is a black, low VOC emission, medium bodied, fast setting, high strength ABS solvent cement for all classes and schedules of pipe and fittings with interference fit through 8 inch (200 mm) diameter.

APPLICATION:

WELD-ON 778 is for use on all types of ABS (Acrylonitrile-Butadiene Styrene) plastic pipe applications, Type I and Type II. It is widely used for drain, waste and vent systems (DWV), conduit and sewer applications.

Detailed directions on making solvent cemented joints are printed on the container label. It is also highly recommended that the installer review the instructions supplied by the pipe and fitting manufacturer. **Do not use primer of any kind on ABS pipe and fittings.**

AVAILABILITY:

This product is available in 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.

STANDARDS AND CERTIFICATION LISTINGS:

- Meets ASTM D 2235 Standard
- Meets SCAQMD Rule 1168/316A
- Compliant with LEED® (Leadership in Energy and Environmental Design). When using this WELD-ON low VOC product, credit can be claimed for LEED Green Building Rating System - Indoor Environmental Quality.
- Listed by NSF International for compliance with ASTM D 2235 and NSF/ANSI Standard 14 for use on drain, waste, vent and sewer applications.
- Listed by IAPMO for compliance with ASTM D 2235 and applicable sections of the latest edition of the Uniform Plumbing Code®.

SPECIFICATIONS:

COLOR:	Black
RESIN:	ABS
SPECIFIC GRAVITY:	0.890 ± 0.04
BROOKFIELD VISCOSITY:	Minimum 500 cP @ 73°F ± 2°F (23°C ± 1°C)

SHELF LIFE:

3 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.

QUALITY ASSURANCE:

WELD-ON 778 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:

WELD-ON solvent cements must never be used in piping systems using or being tested by compressed air or gases; including air-over-water booster.

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 WELD-ON 778™ Safety Data Sheet for additional safety precautions, first-aid, handling, storage and transportation information.

WARRANTY: WELD-ON warrants that all new WELD-ON products shall be of good quality and free from defects in material and workmanship for the shelf life as indicated on the product. If any WELD-ON product becomes defective, or fails to conform to our written limited warranty under normal use and storage conditions, then WELD-ON will, without charge, replace the nonconforming product. However, this limited warranty shall not extend to, nor shall WELD-ON be responsible for, damages or loss resulting from accident, misuse, negligent use, improper application, or incorporation of WELD-ON products into other products. In addition, any repackaging of WELD-ON products also shall void the limited warranty. WELD-ON 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. Please refer to our standard WELD-ON Limited Warranty for additional provisions.

