



**PRODUCT DESCRIPTION:**

Weld-On® 744ECO™ Pool Medium is an environmentally responsible cement with 30% lower solvent emission rate and significantly reduced odorous fumes than the current solvent cements in the market – resulting in an improved workplace environment for pipe installers.

The 744ECO is a clear or gray, ultra low VOC, medium bodied, fast setting, maximum strength PVC solvent cement for all classes and schedules of PVC pipe and fittings with interference fit through 6 inches (160 mm) diameter, Schedule 80 through 4 inches (110 mm).

**APPLICATION:**

Weld-On 744ECO is for use on all types of PVC plastic pipe. Excellent for pool & spa application. Can be used without primer on non-pressure systems if local codes permit.

**SPECIFICATION:**

COLOR:	CLEAR or GRAY
RESIN:	PVC
SPECIFIC GRAVITY:	0.920 ± 0.04
BROOKFIELD VISCOSITY:	Minimum 500 cps
VOC CONTENT:	≤ 405 g/L
SHELF-LIFE:	744ECO Clear: 4 Years 744ECO Gray: 3 Years

**STANDARD & CERTIFICATION:**

- Meets ASTM D2564
- Gray cement meets CSA B137.3 and B181.2
- 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 to NSF/ANSI Standard 14 and 61 and the Uniform Plumbing Code for use on potable water applications.

**AVAILABILITY:**

Stock #	Size / Cap Type	Color	Units / Case	Lbs / Case	Cubic Feet / Case	UPC BARCODE
14853	Gallon with narrow-mouth screw cap	Clear	6	53	1.07	0 12181 14853 2
14854	Quart with dauber cap	Clear	12	28	0.67	0 12181 14854 9
14855	Pint with dauber cap	Clear	12	14	0.36	0 12181 14855 6
14856	½ Pint with dauber cap	Clear	24	15	0.37	0 12181 14856 3
14858	Gallon with narrow-mouth screw cap	Gray	6	53	1.07	0 12181 14858 7
14859	Quart with dauber cap	Gray	12	28	0.67	0 12181 14859 4
14860	Pint with dauber cap	Gray	12	14	0.36	0 12181 14860 0
14861	½ Pint with dauber cap	Gray	24	15	0.37	0 12181 14861 7





**SHELF LIFE:**

744ECO Clear: 4 years and 744ECO 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 product.

**QUALITY ASSURANCE:**

Weld-On 744ECO 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:**

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 Weld-On 744ECO Safety Data Sheet for additional safety precautions, first-aid, storage, handling, transportation and disposal information.*

**WARRANTY:**

Weld-On Adhesives, Inc., warrants to all original purchasers of Weld-On products that all new Weld-On products shall be of good quality and free from defects in material and workmanship for the product's shelf life. If any Weld-On 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 Weld-On will, without charge, replace the nonconforming product.

This limited warranty shall extend to all products manufactured and sold by Weld-On. 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 provided herein.

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

Weld-On Adhesives, Inc.  
Attn: Customer Service  
455 West Victoria Street  
Compton, CA 90220

Any implied warranty in connection with any Weld-On product hereby is limited in duration to the period of this 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. This limited warranty is in lieu of all other express warranties of Weld-On, and Weld-On does not assume, nor does it authorize any person to assume on its behalf, any other obligation or liability.