

Low VOC PVC Solvent Cement

Product Specifications



General Description:

A clear, low VOC emission, heavy bodied, medium setting, high strength PVC solvent cement for all classes and schedules of pipe and fittings, including Schedule 80, with interference fit through 12 inch (315 mm) diameter.

Application:

Mainline® Low VOC PVC Solvent Cement is for use on all types of PVC plastic pipe plumbing applications, including potable water pressure systems, sewer and drain/waste/vent systems. Mainline® Low VOC PVC Solvent Cement has good gap filling properties and is recommended for solvent cementing joints where a sizable gap exists between pipe and fitting – e.g. large pipe sizes – and when more working time is required in warm weather.



Standards and Certification Listings:

- Meets ASTM D 2564 Standard
- Meets SCAQMD Rule 1168/316A
- Compliant with LEED® (Leadership in Energy and Environmental Design). When using this Mainline® Low VOC PVC Solvent Cement, credit can be claimed for LEED Green Building Rating System - Indoor Environmental Quality.
- Listed by NSF International for compliance with ASTM D 2564, NSF/ANSI Standard 14, and NSF/ANSI Standard 61 for use on potable water, drain, waste, vent and sewer applications.
- Listed by IAPMO for compliance with ASTM D 2564 and applicable sections of the latest edition of the Uniform Plumbing Code®.

✓ To Submit	Part #	Product Description	Box Qty
	ML11163	1/4 Pt PVC Clear Heavy Bodied Cement	24
	ML11164	1/2 Pt PVC Clear Heavy Bodied Cement	24
	ML11165	Pint PVC Clear Heavy Bodied Cement	12
	ML11166	Quart PVC Clear Heavy Bodied Cement	12
	ML11167	Gallon PVC Clear Heavy Bodied Cement	6

Warranty: See warranty information for more details.

All dimensions listed are nominal. MAINLINE® reserves the right to make product and material changes at any time without notice.



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Quality Assurance:

Mainline® Low VOC PVC Solvent Cement 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.

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. Do not mix new solvent cement with partially used or expired solvent cement.

Specifications:

Color:	Clear
Resin:	PVC
Specific Gravity:	0.963 ± 0.04
Brookfield Viscosity:	Minimum 1,600 cP @ 73° ± 2°F (23° ± 1°C)

Special Precaution:

Mainline® solvent cements must never be used in PVC piping system using or being tested by compressed air or gases; including air-over-water booster. If using in conjunction with flue gas ventilation systems, review the recommendations of the HVAC manufacturer's equipment related to installation and venting. Note that such recommendations may only refer to ASTM standards addressing installation of PVC pipe and fittings, and not to the use of PVC pipe and fittings in flue gas ventilation systems. Also review the technical information available from manufacturers of PVC pipe and fittings concerning the use of their products in flue gas ventilation systems.

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Special Precaution (cont'd):

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 Mainline® Safety Data Sheet for additional safety precautions, first-aid, storage, handling, transportation and disposal information.