

PVC Pipe Jointing

PVC SOLVENT CEMENT

Product Description

PIONEER PRO PVC PIPE JOINTING PVC Solvent Cement is a specially formulated resin-based adhesive designed for bonding PVC pipes, fittings and sheets.

Key Features

- Easy to use
- Fast setting
- Superior adhesion
- Waterproof bonding

Product Specifications / Typical Properties / Physical Characteristics

Table 1. Physical Properties*

Parameters	Results
1. Physical Form	Liquid
2. Appearance	Clear to Hazy
3. Consistency	Flowy
4. Viscosity @ 25°C	3000 cps maximum
5. Specific Gravity@25°C	0.80-0.90
6. Fusion Time @25°C	30 seconds maximum
7. Full Cure time @25°C	24 hours
8. Flash Point	-18°C

Table 2. Mechanical Properties*

Parameters	Results
Tensile Shear Strength @25°C	2.40 N/mm ²

Table 3. Theoretical coverage area*

Parameters	Results
Coverage area (theoretical)	200 mL/m ²

*Typical data only. Information on this data should not be used for writing specifications

Applications

For bonding and coupling of PVC to PVC for both pressure and non-pressure applications for pipes and fittings

Application Procedure

Surface Preparation

Surface contaminants such as dirt, grease, oil or wax must be removed from areas to be joined. Clean and remove burrs by sanding, sandblasting or brushing for stronger bonds. Surfaces must be cleaned



and ready for application before the adhesive is opened.

Application

1. Cut pipes evenly (ensure that surface preparation is followed prior to application).
2. Measure the fitting insertion depth (bond length) and mark it on the pipe end so that the application of the required amount of adhesive and the complete insertion of the pipe can be checked.
3. Apply a thin even coat of solvent cement to the pipe immediately by means of a paint brush.
4. Push the pipe into the opening with a twisting motion to ensure adhesive is spread all over contacting surfaces.
5. Hold firmly for a few seconds and remove excess solvent cement.

Packaging

Pint Can- 400 mL
1/4 Pint Can-85 mL

Storage

Dry place at ambient temperature.

Shelf Life

6 months from manufacturing date in an unopened container kept at a dry place at ambient temperature.

Health and Safety Precautions



DANGER

Highly Flammable Liquid and Vapor
Causes serious eye irritation.
May cause drowsiness or dizziness.

Keep away from heat, sparks or open flame.
Do not smoke when using this product.
Keep container tightly closed.
Use only non-sparking tools.
Wash skin thoroughly after handling.
Avoid breathing vapors.
Use only outdoors or in a well-ventilated area.

If on skin: Wash with soap and water or shower. Remove contaminated clothing.

If in eyes: **Rinse** cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If swallowed: Immediately call a POISON CENTER or doctor.

KEEP OUT OF REACH OF CHILDREN.

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Pioneer Adhesives, Inc.
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ISO 9001:2015 and ISO 14001:2015 Certified

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