

Technical Data Sheet

AS-2100 cPVC Cement



Physical Properties

Appearance:

Orange liquid

Odour:

Characteristics

Application temperature:

-10 °C to 43 °C

Service temperature:

-10 °C to 82 °C

Storage:

Highly inflammable, keep away from heat source or naked flames. Store in dry and cool place with temperature below 30 °C

Shelf life:

12 months

Packaging:

Content	Quantity/ carton
4 oz. can	48
8 oz. can	24
16 oz. can	12
32 oz. can	12

Description

A premium quality, orange colour, high strength adhesive formulated for cPVC fitting and pipes bonding applications. It is ideal for hot and cold water pipes and industrial liquid handling. It is easy to use and offers superior bonding strength.

Features

- ◆ Special for cPVC pipes
- ◆ For hot and cold water
- ◆ For pipes up to 150 mm diameter

Applications

Ideal for bonding and coupling of rigid cPVC pipes up to 150 mm diameter. Upon full cure, it is safe for drinking water, irrigation, water, sanitary pipes and conduit etc.

Technical Data

Solid content	: 24%
Viscosity (S3, 20 RPM)	: 1,900 cPs
Specific gravity	: 0.96 – 1.00

Usage Instructions

1. Surfaces must be clean, dry and free of dirt, grease, oil or water.
2. Roughen mating surfaces to the full depth of socket using medium glass paper or emery cloth.
3. Apply the solvent cement to both surfaces to be bonded with a dry, clean brush to give a uniform coating, with heavier coat at the pipe end.
4. It will dissolve and soften the surfaces of the pipes and fitting. Assemble while cement is wet.
5. When the pipes and fitting are assembled together, the softened surfaces mix and on hardening produce a chemically welded joint.
6. Hold firmly for 30 seconds to allow initial bonding, then remove surplus solvent cement and should not be disturbed for 15 minutes.
7. 12 hours for drying time should be allowed before working pressure, and 24 hours before testing to 1.5 working pressure.

Caution

Highly flammable liquid and vapour. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of damaging fertility or the unborn child. May cause damage to the nervous system through prolonged or repeated exposure by inhalation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not breathe fumes. Use only outdoors or in a well-ventilated area. Wear protective gloves and eye protection. Store in a well-ventilated place. Keep cool. Store locked up. Keep out of reach of children. Safety data sheet available on request. For further health and safety information, consult the latest safety data sheet.

Disclaimer

Every endeavour has been made to ensure that the information given herein is true and reliable but it is given only for the guidance of our customers. The company cannot accept any responsibility for the loss or damage that may result from the use of the information, due to the possibility of variations of processing or working conditions and of workmanship outside our control. Users are advised to confirm suitability of this product by their own tests.