

Technical Data Sheet

BS-510 All Pressure Solvent Cement

**Features**

- ♦ For PVC and uPVC Pipes
- ♦ For Pipes Up to 200 mm Diameter
- ♦ Excellent Adhesion

Packaging

- ♦ 100 mL/can~60/carton
- ♦ 475 mL/can~24/carton
- ♦ 4 oz./ can~60/carton
- ♦ 8 oz./ can~48/carton
- ♦ 16 oz./ can~24/carton

Shelf Life

- ♦ 12 months

Storage

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

Product Specification

Appearance	: Transparent Liquid
Odour	: Sweetish
Solid Content	: 22 – 25%
Viscosity at 25 °C (S4, 50 rpm)	: 1,000 – 1,600 cPs
Specific Gravity	: 0.92 – 0.96
Application Temperature	: -10 °C to 40 °C
Service Temperature	: -10 °C to 60 °C

Description

A premium quality, clear color, high strength adhesive formulated for PVC and uPVC pipes bonding applications. It is easy to use and offers superior bonding strength. It is compliant with MS-628: Part 2: Section 2.2: 1999 – Specification for unplasticized PVC (uPVC) Pipes for Water Supply: Part 2: Joint and Fitting for use with unplasticized PVC Pressure Pipes Section 2.2: Solvent Cement.

Applications

Ideal for bonding and coupling of rigid PVC and uPVC pipes up to 200 mm diameter. Upon full cure, it is safe for drinking water, irrigation, waste water, sanitary pipes and conduit, etc.

Directions

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. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves and 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.

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.