

Technical Data Sheet

BS-512G/BS-512T Heavy Duty Solvent Cement (Grey/Transparent)



Features

- ♦ For PVC and uPVC Pipes
- ♦ Excellent Adhesion
- ♦ For Pipes Up to 200 mm to 400 mm Diameter

Packaging

- ♦ 100 mL/tubes~100/carton
- ♦ 4 oz/ can~60/carton
- ♦ 8 oz/ can~48/carton
- ♦ 16 oz/ can~24/carton
- ♦ 32 oz/ can~12/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	: Grey/Transparent Liquid
Odour	: Aromatic
Solid Content	: 22 – 24%
Viscosity at 25 °C (S4, 50 rpm)	: 1,400 – 2,000 cPs
Specific Gravity	: 0.89 – 0.93 (BS-512G) : 0.90 – 0.94 (BS-512T)
Main Solvent	: Hydrocarbon Solvent
Main Ingredient	: Synthetic Resin
Application Temperature	: -10 °C to 40 °C
Service Temperature	: -10 °C to 60 °C

Description

A premium quality, grey color or transparent color, heavy duty adhesive formulated for PVC and uPVC fitting and pipes bonding applications. It is easy to use and offers superior bonding strength.

Applications

Ideal for bonding and coupling of rigid PVC and uPVC pipes of between 200mm to 400mm 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 primer / pipe cleaner and follow directions.
4. 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.
5. It will dissolve and soften the surfaces of the pipes and fitting. Assemble while cement is wet.
6. When the pipes and fitting are assemble together, the softened surfaces mix and on hardening produce a chemically welded joint.
7. Hold firmly for 30 seconds to allow initial bonding, then remove surplus solvent cement and should not be disturbed for 15 minutes.
8. 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 serious eye irritation. May cause drowsiness or dizziness. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use only outdoors or in a well-ventilated area. Wear eye protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If eye irritation persists get medical advice/attention. Store in a well-ventilated place. Keep cool. Keep out of reach of children. Safety data sheet available on request. For further health and safety information, consult the latest safety data sheet.

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