



VITAL TECHNICAL SDN. BHD.

Technical Data Sheet

VT-320  
cPVC Solvent Cement



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# VT-320 cPVC Solvent Cement

## PHYSICAL STATE

Orange liquid

## ODOUR

Characteristics

## PACKAGING

4 oz./ can  
(48 cans/carton)  
8 oz./ can  
(24 cans/carton)  
16 oz./ can  
(12 cans/carton)  
32 oz./ can  
(12 cans/carton)

## SHELF LIFE

12 months

## STORAGE

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

## APPLICATION TEMPERATURE

-10 °C – 43 °C

## SERVICE TEMPERATURE

-10 °C – 82 °C

## DESCRIPTION



VT-320 cPVC Solvent Cement is 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.

TECHNICAL DATA	Property	Value
	Solid content	: 24 %
	Viscosity	: 1,900 cPs Brookfield LV3, 20 rpm
	Specific gravity	: 0.96 – 1.00
	Assembly time	: 5 minutes
	Initial set time	: 30 minutes
	Final set time – low pressure application	: 4 hours
	Final set time – high pressure application	: 24 hours

\*Note: Field working conditions may vary. In damp or humid weather allow longer set time

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

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

- APPLICATION DIRECTION**
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 30 minutes.

**CAUTION** Highly flammable liquid and vapour. Harmful in contact with skin. Causes skin irritation. Causes serious eye irritation. Harmful if inhaled. May cause drowsiness or dizziness. Harmful to aquatic life with long lasting effects. 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 protective gloves and eye protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. 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.

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