



VITAL TECHNICAL SDN. BHD.

Technical Data Sheet

VT-300
PVC Solvent Cement



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VT-300 PVC Solvent Cement

PHYSICAL STATE

Clear liquid

ODOUR

Characteristics

COLOUR

Clear

PACKAGING

4 oz./ cans

(48 cans/carton)

8 oz./ cans

(24 cans/carton)

16 oz./ cans

(12 cans/carton)

100 ml/ can

(60 cans/carton)

500 ml/ can

(24 cans/carton)

3.0 kg/ can

(8 tins/carton)

15 ml x 10 tubes/ carded

(48 packs/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 – 40 °C

SERVICE TEMPERATURE

-10 °C – 60 °C

DESCRIPTION



VT-300 PVC Solvent Cement is a premium quality, clear colour, medium strength adhesive formulated for PVC and uPVC fitting and pipes bonding applications. It is easy to use, fast setting and offers superior bonding strength.

TECHNICAL DATA	Value	Value
Solid content	: 17 %	
Viscosity at 25°C	: 230 cPs	Brookfield LV 2, 50 rpm
Density	: 0.88 – 0.92	
Assembly time	: 5 minutes	
Initial set time	: 15 minutes	
Final set time – low pressure application	: 3 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

- Fast setting
- Excellent adhesion
- Waterproof bonding

APPLICABLE TESTS / STANDARDS

- VT-300 meets the requirements of:
 - RoHS Directive 2011/65/EU

APPLICATION

Ideal for bonding and coupling of rigid PVC and uPVC pipes up to 100 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 15 minutes.

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.

LEGAL NOTES

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.