



VITAL TECHNICAL SDN. BHD.

Technical Data Sheet

VT-304
Green PVC Solvent Cement



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VT-304 Green PVC Solvent Cement

PHYSICAL STATE

Liquid

ODOUR

Characteristics

COLOUR

Green

PACKAGING

100 ml/ can
(60 cans/carton)
500 ml/ can
(24 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 – 40 °C

SERVICE TEMPERATURE

-10 °C – 60 °C

DESCRIPTION



VT-304 Green PVC Solvent Cement is a premium quality, green, 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	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	▪ Excellent adhesive
	▪ Fast setting
	▪ Waterproof bonding

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. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Safety data sheet available on request. For further health and safety information, consult the latest safety data sheet.

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