

Technical Sheet

PV-85[®]

PVC Solvent Cement

Heavy Duty Clear



Fast setting



Higher adhesive strength



Low VOC



Good coverage



Product Description

PV-85 PVC Solvent Cement is a clear, fast setting, regular bodied solvent cement ideal for joining rigid PVC Pipes and socket in domestic and industrial plumbing and rigid PVC film/sheet for making doors and decorative boxes with a better gap filling ability. It gives strong seal & does not turn yellow and very easy to apply. It has a good viscosity & hence high coverage and therefore economical as compared to other ordinary solvent cement.

Application Areas:

PV-85 PVC Solvent Cement is used for joining PVC Pipes & Socket of diameter up to 8 inches under pressure and up to 12 inches non pressure pipe in agriculture, sewage, telephone and household plumbing. It is also suitable for bonding of rigid PVC/UPVC sheet in door manufacturing and cooling tower manufacturing.

Technical Data:

Description of Specification	Units	Value
Appearance		Clear
Resin		PVC
Nature of Curing		Air Drying
Viscosity @ 23° ± 1° C	cP	90 (Minimum)
Specific Gravity (minimum)		0.904 ± 0.040

Precautions:

- Replace the cap immediately after use. Avoid using fingers for application.
- Flammable material. Keep away from naked flame and reach of children.
- Do not use in system using or being tested by compressed air or gases, including air over water booster.

PVC Pipe joining:

- Shake well before use. Cut the pipe to square and avoid cross and irregular cutting. Pipe must be cut as square as possible.
- Remove all burr from inside and outside of pipe with knife-edge, file or de-burring tool that will produce 10 to 15 degree chamfer (bevel) Remove surface dirt, grease, or moisture with dry cloth.
- Check dry fit of pipe into socket. Pipe should easily go 1/3 of the way into the fitting.
- Apply PV-85 PVC Solvent Cement on overlapping surfaces of pipe and socket with brush in can.
- Insert the pipe into socket immediately and rotate pipe one quarter while inserting, to ensure even distribution of solvent cement within the joint and wipe out excess cement with clean cloth.
- Properly align the fittings and hold the assembly for approximately 10 to 20 seconds.
- Allow 15 minutes for handling strength and 2 hours cure time for putting pipe joint into use.
- Preferable application temperature: 0 to 50°C.

Storage & shelf life:

Store in cool and dry place, preferably away from direct sun light. The material has a life of 3 year if stored in proper condition.

Rigid PVC sheet bonding

- Shake well before use. Transfer the PV-85 PVC Solvent cement from original packing to 500ml plastics bottle, fitted with nozzle for pouring.
- Cut the rigid PVC sheet or profile into desired shape and size. Clean the PVC/UPVC sheet or profile with a clean cotton cloth. Acetone wipe will give improve adhesion.
- Make sure that bonded area should be free from oil, grease and dirt. Pour sufficient quantity of PV-85 PVC Solvent Cement from bottle fitted with nozzle on one side of sheet and put other sheet immediately on top of first sheet and press together tightly for few minutes. Joints becomes perfect in 2 Hrs.

Packing:

Available in Aluminum tube:

10ml, 20ml, 50ml

Plastic container: 50ml, 100ml, 200ml, 250ml, 500ml, 1000ml, 5000ml

Tin container : 50ml, 100ml, 200ml, 500ml, 1000ml with brush applicator.

Follow us :     

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