



ALCOLIN PVC WELD

Description

ALCOLIN PVC WELD is a solvent based welding adhesive formulated to provide a strong joint and seal when joining rigid PVC pipes and fittings. ALCOLIN PVC WELD is suitable for low pressure applications and comes with a handy application brush.

Features & Benefits

- Good bond strength
- Good water resistance – durable
- Suitable for interior and exterior applications

Applications

Suitable for joining of close fitting PVC connections, PVC gutters, conduit pipes, outlet pipes, drinking water pipes, sewer pipes and electrical piping, both indoor and outdoor

Adhesion

Excellent adhesion to rigid PVC, UPVC and CPVC

Limitations

- Not suitable for soft and flexible PVC.
- Will not adhere to some plastics e.g. polyethylene or polypropylene.
- Not recommended for high pressure applications such as irrigation systems and swimming pool pipes.

Safety instructions

When working with the product, it is advisable to wear gloves and safety glasses in order to avoid direct contact with the skin or eyes. If product comes in contact with skin or eyes flush thoroughly and immediately with water. If irritation continues, seek medical attention.

Open ALCOLIN PVC WELD container with caution and pointing away from face as contents may be under pressure.

ALCOLIN PVC WELD is highly flammable, thus keep away from naked flames and all ignition sources. Always work in a well ventilated area. Do not breathe in vapours. For unventilated areas, a NIOSH approved respirator will be necessary.

Keep ALCOLIN PVC WELD out of reach of children!

Refer to our Material Safety Data Sheets for further toxicological information and comprehensive handling instructions.



Surface preparation

- The surface must be clean, dry, and free of loose materials, dust, dirt and any other contaminants.
- Joints must be close fitting.
- Deburr both inner and outer surfaces to be bonded.
- For a superior bond, lightly sand the surfaces to be bonded and degrease with a suitable solvent i.e. acetone / thinners.
- Poor surface preparation may result in the delamination of the joint.

Directions for use

- For low pressure applications allow 8 hours before use
- For high pressure applications allow 24 hours before use

Cleaning

- Applicators can be cleaned with a suitable solvent, i.e. acetone immediately after use.

Storage stability

ALCOLIN PVC WELD has a shelf life of 12 months if stored in a safe, cool (below 25°C), and dry place in its original moisture-tight container.

To maximize the shelf life of the opened container, ensure that the packaging is closed to create an airtight environment when not in use. If the packaging is left open for long periods, the glue will thicken as the solvents evaporate.

Product packaging

- 50ml tubes
- 200ml tins
- 500ml tins

Product data

i. Physical data

Type	Solvent based synthetic resin adhesive
Appearance	Clear liquid
Density	Approximately 0.94 g/cm ³
Solids	Approximately 20%
Viscosity	Approximately 1500cps
Flash point (Pensky Martin closed cup) ASTM D93	< 5°C

ii. Application data*

Assembly time	5 minutes
Initial setting time (before handling)	15 minutes
Final set	Minimum 24 hours
Application temperature range	5°C to 40°C
Coverage	Approx. 6 joints per 100ml for 50mm pipe

*Please refer to "Directions for Use" section for further details

iii. Performance data

Tensile strength (PVC – PVC)	2.75 mPa
Temperature resistance	60°C
Water resistance	Excellent

The above information is only offered, as a guide to the use of this product. Furthermore, users should satisfy themselves that it is suitable for their needs. Since we have no control over the conditions under which it is used, we cannot accept responsibility for problems caused by the use and/or application of this product.

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