

# PVC/ABS PIPE CEMENT

For Rigid ABS / PVC Pipes



The Glue People®

18/01/2023

BISSON PRODUCT CODE: ABS011

## General Description

Tradegrip ABS/PVC Pipe Cement is a pipe weld cement specifically developed for bonding rigid PVC and ABS. This adhesive can be used for many applications in the plastic moulding industry, where it can be used as a solvent weld in the fabrication of rigid PVC rainwater and general drainage systems.

Tradegrip ABS/PVC Pipe Cement complies with the requirements of BS 4346-Part 3: 1982. This specification applies to the solvent cement for joining rigid ABS/PVC pipes to BS 3505 or BS 3506 with fittings complying with the appropriate part of this specification. BS 4346-Part 3 includes tests for shear strength of the cement and a long term pressure test. It also meets the requirements of the Water Byelaw Scheme BS 6920:1996 Cold Water Use.

## Key Information

Bonds and seals well to PVC and ABS used in water drainage and collection systems.  
Easy to use.  
Suitable for potable water systems.

## Physical Data

Property	Data
Colour	Clear
Base	ABS/PVC
Consistency	Liquid
Specific Gravity (@20°C)	0.93
Total Solids Content	23-27 %
Viscosity (@20°C)	45,000 – 60,000 cP
Heat Resistance	Up to 60°C
Open Joint Time*	5 minutes (approx.)
Coverage	5-6m <sup>2</sup> per litre

\* Depending on ambient temperature, relative humidity and materials used.



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## Application

The general application information presented here is based upon typical conditions determined by The Glue People testing. Our recommendations on the use of this product are based on methods believed to be reliable. It is advised that users conduct their own tests to determine the suitability of the product for each specific application.

### Surface Preparation:

Before jointing, a preliminary check of the pipe fittings should be performed to determine fit, position and alignment, both being marked to ensure assembly in the correct position. All substrates must be clean, dry and free of any contaminants liable to impair adhesion. The materials to be bonded should be dry.

### Adhesive Application:

**Tight Fit:** - If the preliminary check indicated a tight fit, apply a single uniform coat of Pipe Cement to both the pipe end and the socket. Immediately insert the pipe into the socket with a slight twisting action to complete to joint.

**Loose Fit:** - If the preliminary check indicated a loose fit: Apply a uniform coat of Pipe Cement to both the pipe end and the socket. Allow the first coat to dry for 5 minutes. Apply a second coat of Pipe Cement to both surfaces and assemble to joint as before.

### Curing:

Upon fixing the pipe joint, the assembly may be handled after a few minutes. The pipe system must not be used under full pressure for at least 6 hours.

### Storage:

Tradegrip PVC Pipe Cement should be stored in its original container, with the lid tightly closed to prevent solvent escaping. Storage should be in dry conditions at temperatures between 5°C and 25°C. This product will keep satisfactorily for 18 months from date of manufacture if stored according to the recommendations.

## General Information

### Important Notice

Data contained in this document is for information only and is believed to be reliable. Trade Grade Products Ltd (TGP) cannot assume responsibility for results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability of the product for any specific purpose and TGP is pleased to provide a sample upon request.

Before using this product ensure that you have been supplied with and have read carefully the following information.

- The hazard label (complying with latest CDG/CPL regulations) applied to the container.
- Material Safety Data Sheets, Tradegrip PVC Pipe Cement.



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