



# VALPAR®

## Tubing Options for Glycol Applications

SAFE, DURABLE AND COST-EFFECTIVE

Today glycol systems are being more commonly used in beverage dispense systems; either in python, in heat dump systems, or to achieve sub-zero waterbath temperatures. Valpar has tube options to suit each specific application.

### Features

- Glycomaster is capable of resisting high temperatures
- EAUV is UV-resistant
- Polyethylene (MDP) is suitable for glycol cooling lines in python

### Benefits

- Custom-designed to reduce risk of bursting
- EAUV is suitable for outdoor applications

### Approvals

Although not required for glycol applications, the inner layer of Glycomaster holds approvals for food contact use. Details available on request.

- **Valpar Glycomaster** is designed to work with heat dump systems where the emphasis is on high temperatures with short-term peak performance at 90°C. Glycomaster is a multi-layer tube suitable for both monopropylene glycol and ethylene glycol up to a ratio of 50:50 (by volume).
- **Valpar EAUV tube** is also designed for heat dump applications and is resistant to UV light, although exposure to direct sunlight should be kept to a minimum. This tube is suitable for temperatures up to 50°C. EAUV is a monolayer tube suitable for both monopropylene glycol and ethylene glycol up to a ratio of 50:50 (by volume).
- **Valpar Polyethylene (MDP)** is suitable where glycol rather than water is used as recirculation fluid inside a python in order to obtain below zero temperatures. For more details on Polyethylene (MDP), please refer to the Valpar Polyethylene brochure.
- Valpar tubing is manufactured in our advanced extrusion facility under the strict quality control of BS EN ISO 9002 (Cert. No. FM 02094).
- **As safety is of prime importance in glycol applications please ensure your choice of tubing fits your system needs. See technical data overleaf.**



## Technical Data – Glycol Tubing

### Glycomaster

#### Size: 12 x 15mm

- Temperature Range: 15°C to 60°C Ambient Temp
- Pressure Tests
  - Safe Working Pressure @ 35°C 105psig (7 bar)
  - Safe Operating Pressure @ 35°C 116psig (8 bar)
  - Minimum Design Pressure @ 35°C 173psig (12 bar)
- Short term peak performance\* - will maintain a pressure of 60 psig (4 bar) for 9 minutes at 90°C.
  - Burst Pressure @ 90°C 260psig (18 bar)
- \*Tested with ethylene glycol/water mix at 60:40 ratio.  
Other data based on using water as test medium.
- Minimum Bend Radius 75mm

### EAUV

#### Size: 10 x 15mm

- Maximum Operating Temperature 55°C
- Pressure Tests
  - Safe Working Pressure @ 35°C 116psig (8 bar)
  - Safe Working Pressure @ 55°C 55 psig (4 bar)
- Minimum Bend Radius 50mm

For specific queries or equivalent information on any Valpar glycol tubing, please contact a member of the Sales Team.

### Fitting Compatibility

Glycomaster - can be used with speed fittings and barb fittings.

EAUV - can be used with speed fittings but more commonly used with barb fittings and clip.

Valpar Polyethylene (MDP) tubing is suitable for use with speed fittings and to a lesser degree with barbed fittings, due to the relative stiffness of the material. To ensure compatibility, please advise us of the outside diameter of the fittings when ordering tubing.

### Identification

Tubing for glycol applications is indelibly marked with size, date and traceability code using the latest inkjet technology.

### Chemical Resistance

For specific queries regarding the chemical resistance of glycol tubing, please contact a member of the Sales Team.



QUALITY WORLDWIDE

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For further information or to place an order, please contact our Sales Team or Customer Care Team

- Interested in other products in our range?  
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- Interested in  
**Colder Drinks? - Cleaning & Hygiene? - Energy-Saving?**
- Can we help you solve a problem?

Please visit our website or contact a member of our Sales Team for information.

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