

PVC DATA SHEET



REINFORCED PVC

DESCRIPTION

Clear reinforced is an EC compliant, low toxic PVC hose. This product is widely used for a range of applications for the transfer of food, water, air, chemicals, gas, fuels, and oils. This multi-purpose, High quality all rounder is universally popular today, especially for the conveyance of water and air.

APPLICATIONS

- Caravan Industry
- Pharmaceutical
- Pneumatic Tools
- Food/Liquid Substances

- Excellent glass clear transparency for clear visibility.
- Good flexibility for ease of use.
- Resistant to a wide range of chemicals including many acids/alkalis.
- Abrasion resistant. Thicker wall gives medium to heavy duty durability for improved resistance to abrasion.
- Specially selected high tensile Polyester fibre reinforcement used at the optimum braid angle of $54^{\circ} 44'$ (54.73°) creates an effective and balanced pressure hose.
- EU No. 10/2011 compliant for food contact applications.
- RoHS 3 compliant.
- Manufactured from cadmium and silicone-free materials, using a specialist PVC that can reduce the taint of drinking water.
- Manufactured in accordance with ISO 5774.
- 4:1 safety factor.
- NSF51 + NSF61 approved for the transfer of drinking water.

SIZES

- Available in 30m Coils
- 3mm-50mm ID - Ex Stock

COLOURS

- Clear, Blue, Red (6mm – 12mm ID)
- Black (6mm-25mm ID)
- Colours available ex stock - black, blue, red, green, and yellow

HOSE DATA

ID	OD	Max Working Pressure	Min. Burst Pressure	Bend Radius
3.2mm	8mm	32 bar	128 bar	20mm
5mm	10mm	27 bar	108 bar	20mm
6.3mm	11.5mm	16 bar	64 bar	28mm
8mm	13.5mm	16 bar	64 bar	29mm
10mm	16mm	15 bar	60 bar	40mm
12.5mm	18.5mm	15 bar	60 bar	55mm
16mm	23mm	12 bar	48 bar	95mm
19mm	26mm	10 bar	40 bar	135mm
25mm	32mm	10 bar	40 bar	210mm
32mm	42mm	10 bar	40 bar	320mm
38mm	48mm	10 bar	40 bar	420mm
50mm	62mm	8 bar	8 bar	650mm

UNREINFORCED PVC

DESCRIPTION

Clear PVC hose is suitable for both low pressure food and industrial applications. Manufactured in the UK, Our PVC hose is made from the highest quality, low toxic materials to give excellent clarity, flexibility, and durability over a wide temperature range.

APPLICATIONS

- Medical
- Scientific
- Pharmaceutical
- Industrial

- Glass clear transparency for clear visibility.
- Excellent abrasion and corrosion properties for increased durability.
- Good flexibility for ease of use.
- Manufactured from cadmium and silicone-free materials, using a specialist PVC that can reduce the taint of drinking water.
- EU No. 10/2011 compliant for food contact applications.
- RoHS 3 compliant.
- Suitable for use with alcohol, petrol, oils, greases, and solvents.
- Highly Resistant to a wide range of acids and alkalis.
- Service temperature = -15°C to + 60°C.
- 4:1 safety factor.
- NSF51 + NSF61 approved for the transfer of drinking water.

SIZES

- Sizes go from 5mm ID to 50mm ID
- Custom sizes are available upon request too.

COLOURS

- Colours are Clear and Blue but other types are available upon request

HOSE DATA

ID Diameter	Ext Diameter	Bend Radius	Coil Length
3mm	6mm	54mm	30m
4mm	6mm	54mm	30m
5mm	8mm	72mm	30m
6mm	9mm	81mm	30m
8mm	11mm	99mm	30m
8mm	14mm	126mm	30m
10mm	13mm	117mm	30m
10mm	16mm	144mm	30m
12mm	15mm	135mm	30m
12mm	18mm	162mm	30m
16mm	19mm	171mm	30m
16mm	22mm	198mm	30m
19mm	22mm	198mm	30m
19mm	25mm	225mm	30m
22m	28mm	252mm	30m
25mm	31mm	279mm	30m
32mm	42mm	378mm	30m
38mm	48mm	432mm	30m
50mm	61.5mm	554mm	30m