

Reinforced PVC - Non-Phthalate Flexible Braided PVC Hose



Reinforced / Non Phthalate Flexible Braided PVC Hose

Features and Benefits:

- Silicone free
- Cadmium free
- Good UV resistance
- Wide range of operating temperatures
- Lightweight & flexible
- Smooth bore allowing excellent flow rate
- Clear Hose allows full visibility of contents
- Self extinguishing, does not support combustion



Chemical resistant and suitable for food and drink distribution, our reinforced braided PVC hose is designed to be low maintenance and capable of withstanding high pressures.

Flexible & Durable

- Reinforced with polyester yarn. Manufactured from top quality crystal clear P.V.C compounds, this product is extremely flexible and comes coupled with a glass finish internal bore allowing for excellent flow rates.

Chemical Resistant

- Resistant to a wide range of chemicals our reinforced, branded PVC hose is specifically designed to transport pressurised liquids, chemicals and gases, such as reducing agents, diluted acids and alkalis.

Food Safe

- We manufacture with a minimum toxicity PVC to comply with FDA making it ideal for food and drink products and catering use. This product is 'Food and Drink Approved, with no unwanted odours or flavours

Reliable at High Pressures

- Our ply PVC constructed hose is specifically design to withstand high working pressures. To ensure consistent quality and high standards of all our products The working pressures are based on the short-term burst pressure at 20°C using a 4 to 1 safety factor. Any increases in temperature above 20°C will affect the short-term burst pressure quoted.

Low Maintenance

- The flexible nature of this product allows for an excellent flow rate, which reduces blockages and prevents sediment build up

Operating Temperature: -20°C to +55°C. Occasional use up to +65°C, **Cold bend temperature:** -45°

Construction: Flexible non-phthalate PVC, reinforced with a 1000 denier polyester high tenacity yarn

These are true commercial and industrial products with good burst performance ability, several times that of cheaper alternatives. Cheap alternative must be carefully assessed to ensure they are fit for purpose.

Reinforced PVC - Non-Phthalate Flexible Braided PVC Hose Tubing

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Suggested Applications

- Factory air supply
- Hydraulics
- Pneumatics
- Coolant Lines
- Instrumentation
- Chemical transfer
- Water & Fluid handling
- Food Handling & Beverage Lines
- Materials Handling
- Compressed Air

Chemical Resistance:

PVC has excellent chemical resistance. It is resistant to:

- Oxidising agents
- Reducing agents
- Dilute acids and alkalis

Conformance:

- The raw materials used have regulatory approval for food contact applications
- Non-phthalate
- RoHS & WEEE

Part	Size	Nominal ID	ID Tol's	OD Tol's	Burst Pressure	Bend Radius	Weight/30m
PVRP3/8	3 x 8 mm	1/8"	±0.25 mm	±0.20 mm	1130 PSI / 78 bar	11 mm	1.65 kgs
PVRP4/9	4 x 9 mm	5/32"	±0.25 mm	±0.25 mm	1120 PSI / 77 bar	14 mm	1.92 kgs
PVRP5/10	5 x 10 mm	3/16"	±0.25 mm	±0.25 mm	925 PSI / 64 bar	17 mm	2.22 kgs
PVRP6/11	6 x 11 mm	1/4"	±0.25 mm	±0.25 mm	852 PSI / 59 bar	21 mm	2.52 kgs
PVRP6.3/11.5	6.35 x 11.5 mm	1/4"	±0.25 mm	±0.25 mm	840 PSI / 58 bar	22 mm	2.79 kgs
PVRP8/13	8 x 13mm	5/8"	±0.25 mm	±0.25 mm	738 PSI / 51 bar	29 mm	3.12 kgs
PVRP8/13.5	8 x 13.5 mm	5/16"	±0.25 mm	±0.25 mm	755 PSI / 52 bar	29 mm	3.51 kgs
PVRP10/15	10 x 15 mm	3/8"	±0.25 mm	±0.25 mm	652 PSI / 45 bar	39 mm	3.69 kgs
PVRP10/16	10 x 16 mm	3/8"	±0.25 mm	±0.23 mm	682 PSI / 47 bar	37 mm	4.60 kgs
PVRP12.5/18.5	12.5 x 18.5 mm	1/2"	±0.25 mm	±0.25 mm	649 PSI / 45 bar	49 mm	5.49 kgs
PVRP13/18	13 x 18 mm	1/2"	±0.25 mm	±0.25 mm	666 PSI / 46 bar	56 mm	4.59 kgs
PVRP16/22	16 x 22 mm	5/8"	±0.25 mm	±0.25 mm	515 PSI / 36 bar	70 mm	6.72 kgs
PVRP16/23	16 x 23 mm	5/8"	±0.25 mm	±0.32 mm	537 PSI / 37 bar	65 mm	8.07 kgs
PVRP19/25	19 x 25 mm	3/4"	±0.25 mm	±0.25 mm	459 PSI / 32 bar	90 mm	7.80 kgs
PVRP19/26	19 x 26 mm	3/4"	±0.25 mm	±0.25 mm	479 PSI / 33 bar	84 mm	9.30 kgs
PVRP22/29	22 x 29 mm	7/8"	±0.25 mm	±0.39 mm	432 PSI / 30 bar	104 mm	10.53 kgs
PVRP25/32	25 x 32 mm	1"	±0.64 mm	±0.39 mm	396 PSI / 27 bar	127 mm	11.76 kgs
PVRP25/33	25 x 33 mm	1"	±0.64 mm	±0.39 mm	412 PSI / 28 bar	118 mm	13.51 kgs
PVRP32/42	31.5 x 41 mm	1 1/4"	±0.64 mm	±0.51 mm	393 PSI / 27 bar	153 mm	20.35 kgs
PVRP38/48	39.1 x 49 mm	1 1/2"	±0.64 mm	±0.51 mm	319 PSI / 22 bar	210 mm	25.72 kgs
PVRP50/64	50 x 62 mm	2"	+0.83/-0.75 mm	±0.51 mm	281 PSI / 19 bar	277 mm	39.48 kgs

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