



ENGLISH

Datasheet

PVC 25m Long transparent Flexible Tube Reinforced, 420mm Bend Radius, Applications Various

RS Stock number 381-5489

KEY FEATURES:

- | 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 fibres used at the optimum braid angle of 54° 44'(54.73°) creates an effective and balanced pressure hose.
- | EC compliant for food contact applications.
- | RoHS compliant.
- | Manufactured from cadmium and silicone-free materials, using a specialist PVC that can reduce the taint of drinking water.
- | Service temperature = -15°C to + 60°C.
- | Manufactured in accordance with ISO 5774.
- | 4:1 safety factor.

SIZES:

- | Available in 30m coils
- | 3mm-50mm ID
- | Custom sizes available on request

COLOURS:

- | Clear, Blue, Red (6mm – 12mm ID)
- | Black (6mm-25mm ID)
- | Custom sizes and colours available on request subject to minimum order quantity.

APPLICATION EXAMPLES:

- | Widely used by the caravan industry for piping water and chemicals.
- | Popular for pharmaceutical / scientific applications for the transfer of chemicals.
- | Air applications such as pneumatic tools.
- | For the transfer of food substances and liquids.





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Product Ref		CR03	CR05	CR06	CR08	CR10	CR12
Ex Stock	30m roll	•	• •	• • • •	• • • •	• • • •	• • • •
	100m roll			•	•	•	•
Nominal size		3.0 x 8mm	5 x 10mm	6.3 x 11.5mm	8 x 13.5mm	10 x 16mm	12.5 x 18.5mm
Internal Diameter		3.2 ± 0.20mm	4.75mm ± 0.25	6.3 ± 0.25mm	8.0 ± 0.25mm	10.0 ± 0.25mm	12.5 ± 0.25mm
External Diameter		8.0 ± 0.25mm	10.0mm ± 0.25	11.5 ± 0.30mm	13.5 ± 0.30mm	16.0 ± 0.30mm	18.5 ± 0.30mm
Length Tolerance		BS EN ISO 1307 (± 1%)					
Maximum Working Pressure		32 Bar	27 Bar	16 Bar	16 Bar	15 Bar	15 Bar
Minimum Burst Pressure		128 Bar	108 Bar	64 Bar	64 Bar	60 Bar	60 Bar
Bend radius		20mm	20mm	28mm	29mm	40mm	55mm
Working Temperature		- 15°C to + 60°C					
Material		Flexible PVC					
Material Softness		BSS45 FDA Approved					
Flammability		Self Extinguishing					
Weight per meter		0.056Kg	0.074Kg	0.093Kg	0.123Kg	0.163Kg	0.187Kg
Coil Weight		1.68 Kg	2.22Kg	2.78Kg	3.70Kg	4.89Kg	5.61Kg
Packaging		Strapex Ties and Shrinkwrap					
Applicable Standards		BS EN ISO 5774 (Plastic hoses. Textile-reinforced types for compressed-air applications.) & BS EN ISO 6224 (Thermoplastics hoses, textile-reinforced, for general- purpose water applications)					

Product Ref		CR16	CR19	CR25	CR32	CR38	CR50
Ex Stock	30m roll	• •	• •	•	•	•	•
	100m roll	•	•	•			
Nominal size		16 x 23mm	19 x 26mm	25 x 33mm	32 x 42mm	38 x 48mm	50 x 62mm
Internal Diameter		16.0 ± 0.25mm	19.0 ± 0.25mm	25.0 ± 0.50mm	32.0 ± 0.50mm	38.0 ± 0.50mm	50.0 ± 0.75mm
External Diameter		23.0 ± 0.50mm	25.75 ± 0.50mm	32.50 ± 0.50mm	42.0 ± 0.75mm	48.0 ± 1.00mm	62.0 ± 1.00mm
Length Tolerance							
Maximum Working Pressure		12 Bar	10 Bar	10 Bar	10 Bar	10 Bar	8 Bar
Minimum Burst Pressure		48 Bar	40 Bar	40 Bar	40 Bar	40 Bar	32 Bar
Bend radius		95mm	135mm	210mm	320mm	420mm	650mm
Working Temperature							
Material							
Material Softness							
Flammability							
Weight per meter		0.269Kg	0.310Kg	0.432Kg	0.684Kg	0.684Kg	1.476Kg
Coil Weight		8.00Kg	9.30Kg	12.96Kg	20.52Kg	20.52Kg	44.29
Packaging							
Applicable Standards							