Reinforced Non-Phthalate Flexible PVC hose (RP)

All our PVC Hose is manufactured from non-phthalate material which is free from substances of Very High Concern as described under REACH regulation.

The material complies with the migration requirements of 2002/72/EC & its amendments.

Additives used are listed in EU regulation 2011/10/EC & in the FDA code of federal regulations chapter 21.

You may also be interested in RP cut lengths & unreinforced PVC tube.

Applications

- Factory air supply
- Hydraulics & Pneumatics
- Coolant lines
- Instrumentation
- Chemical transfer
- Water & fluid handling
- Food handling & beverage lines
- Materials handling
- Compressed air
- Crop spraying

Features & Benefits

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

Chemical Resistance

PVC has excellent chemical resistance. It is resistant to most:

- Oxidising agents
- Reducing agents
- Dilute acids
- Dilute alkalis

Conformance

- The raw materials used have regulatory approval for food contact applications
- Non-phthalate
- RoHS & WEEE
- BS EN-ISO5774:2016
- UL94-V2 & UL94-HB (@ 3mm thickness)
- BS EN_ISO1307:2008

Pressure Data | Quote Request | Custom Manufacture | Chemical Resistance | Contact Us | Made in the UK

Part	Size			ID Tol's (mm)	OD Tol's (mm)	Burst Pressure		Bend Radius (mm)	Kgs/ 30m	Stock Color	Stock Length
	ID	Nominal ID	OD			PSI	bar				
RP5/10	5	3/16"	10	-0.25/+0.25	-0.25/+0.25	870	60	17	2.22	Clear	30m
RP6.3/11.5	6.35	1/4"	11.5	-0.25/+0.25	-0.25/+0.26	797	55	22	2.73	Blk, Blu, Clr, Grn, Red, Yel Clear	30m 100m
RP8/13.5	8	5/16"	13.5	-0.25/+0.25	-0.25/+0.25	725	50	29	3.47	Blk, Blu, Clr, Red	30m
RP10/16	10	3/8"	16	-0.25/+0.26	-0.23/+0.23	652	45	37	4.57	Blk, Blu, Clr, Red, Yel	30m
RP12.5/18.5	12.5	1/2"	18.5	-0.26/+0.25	-0.26/+0.25	652	45	49	5.44	Blk, Blu, Clr, Grn, Red Clear	30m 100m
RP13/18	13	1/2"	18	-0.25/+0.26	-0.27/+0.24	652	45	56	4.56	Clear	30m
RP16/23	16	5/8"	23	-0.25/+0.26	-0.29/+0.32	507	35	65	7.98	Black, Clear	30m
RP19/25	19	3/4"	25	-0.25/+0.25	-0.26/+0.25	435	30	90	7.73	Clear	30m
RP19/26	19	3/4"	26	-0.25/+0.25	-0.24/+0.26	435	30	84	9.20	Blk, Blu, Clr, Red Clear	30m 100m
RP22/29	22	7/8"	29	-0.26/+0.25	-0.37/+0.39	362	25	104	10.42	Clear	30m
RP25/32	25	1"	32	-0.64/+0.63	-0.38/+0.38	362	25	127	11.63	Clear	30m
RP25/33	25	1"	33	-0.64/+0.63	-0.39/+0.38	362	25	118	13.51	Black, Clear Clear	30m 100m
RP32/42	32	1 1/4"	42	-0.66/+0.66	-0.51/+0.51	362	25	153	21.48	Clear	30m
RP38/48	38	1 1/2"	48	-0.62/+0.65	-0.51/+0.50	290	20	210	24.96	Clear	30m
RP50/64	50	2"	62	-0.75/+0.83	-0.51/+0.51	217	15	277	38.91	Clear	30m

Further Details:

Lengths:	Some sizes available cut to length from stock
Temperature range:	-20°C to +55°C, occasional use up to +65°C, cold bend temperature –45°C
Construction:	Flexible non-phthalate PVC, reinforced with a 1000 denier polyester high tenacity yarn
Packing:	Supplied coiled and tyre wrapped
Printing:	Size, Goblet and Fork symbol, Works order number The Goblet and Fork symbol is the international symbol for 'food safe' material. The symbol identifies that the material used in the product is safe for food contact.
Custom Manufacture:	Alternative sizes, lengths & colours available subject to MOQ
NB:	Technical information for use as a guide only. All colours & lengths are subject to stock. Pressure values given are based on the short term burst pressure at 20°C . Any increase in temperature above 20°C will result in a decline in working pressure values.