

## 6429 – Reinforced PVC Braided Air & Water Hose



This hose has a PVC braided tube, manufactured from a strong polyvinyl chloride that is reinforced with high tensile polyester yarn for good strength. It is very flexible and is FDA approved for food and beverages.

Suitable applications include supply of air and water and transfer of various fluids and powder. The PVC material offers excellent abrasion resistance and high flexibility, as well as high resistances to alkalies, acids. The tubing is silicone and cadmium free and has low toxicity.

This hose is offered in clear and in various different colours. The clear option provides great resistant to ultraviolet rays and provides excellent transparency.

The operating temperature of this hose ranges from -20°C to +55°C, and is available in lengths of up to 30 metres and 100 metres depending on the inner diameter and colour.

### Technical Specifications

<b>Tube</b>	PVC. Silicone & cadmium free. Low toxicity.
<b>Cover</b>	Smooth PVC
<b>Reinforcement</b>	High tensile polyester fibres
<b>Temperature Range</b>	-20°C to +55°C
<b>Safety Factor</b>	3 x Working pressure
<b>Application</b>	Suitable for water, food, chemicals, gas, oils, etc

### Product Table

#### Clear PVC:

ID		OD	Working Pressure	Burst Pressure	Vacuum	Bend Radius	Weight	Max Coil
mm	inch	mm	bar	bar	M.H2O	mm	kg/m	Metres
3	1/8"	8	32	128		20	0.06	30
5	3/16"	10	20	80		20	0.07	30
6	1/4"	11	10	30		30	0.09	100
8	5/16"	12	10	30		40	0.08	100
10	3/8"	14	10	30		50	0.10	100
12	1/2"	18	10	30		60	0.14	100
16	5/8"	21	10	30		100	0.16	30
19	3/4"	24	10	30		105	0.27	100
25	1"	31	10	30		125	0.39	100
32	1 1/4"	40	6	24		320	0.61	30
38	1 1/2"	46	6	24		420	0.70	30
51	2"	60	3	9		500	1.46	30

# Technical Sheet

## Coloured PVC:

ID		OD	Working Pressure	Burst Pressure	Vacuum	Bend Radius	Weight	Max Coil
mm	inch	mm	bar	bar	M.H2O	mm	kg/m	Metres
5	3/16"	10	13	50		20	0.07	100
6	1/4"	11	15	65		25	0.07	100
8	5/16"	13	15	58		33	0.09	100
10	3/8"	15	12	45		40	0.11	100
12	1/2"	18	12	40		52	0.14	100
16	5/8"	21	10	35		64	0.17	30
19	3/4"	25	10	32		76	0.24	30
25	1"	31	9	28		100	0.30	30