



HN

Non-Toxic Clear Braided PVC Hose

Description

A lightweight PVC hose, reinforced with high tensile polyester fibres. HN braided PVC Hose is tough, flexible and extremely durable under normal operating conditions. Manufactured from FDA approved ingredients, HN braided PVC hose is suitable for food contact applications. It is resistant to a wide range of chemicals. Minimum frictional loss is achieved by the smooth bore.

Applications

HN can be used to convey many liquids and gases under pressure. Applications include factory air lines, pneumatic equipment & general workshop use.

Construction

Two layers of clear flexible PVC bonded together encapsulating high tensile polyester fibres.

Applicable Standards

BS EN ISO 6224 and BS EN ISO 5774.

Special Features

- Optimum flow is maintained by the smooth bore
- Excellent transparency, enabling blockages to be located
- Highly flexible
- Good resistance to a wide range of chemicals
- Non-toxic

Colour

Standard - Clear

Red, Blue & Black available

HN30 to HN90

Other colours available subject to minimum order

Size Range

5mm to 50mm ID

($\frac{3}{16}$ " to 2")

Standard Length

30 metres / supplied in a coil

Subject to minimum order quantity, longer lengths are available to order

Temperature Range

-10°C to +60°C in accordance with

BS EN ISO 6224 and BS EN ISO 5774

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od outside diameter
id internal diameter

note: all dimensions in mm

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Product Ref.	Internal Dia. mm	Nominal Internal Dia. Inches	External Dia. mm	Working Pressure Water Bar	Working Pressure Air Bar	Min Bending Radius mm	Weight Kg/Coil	Coil Length Metres
HN10	5.0	3/16	10.0	25.0	18.7	32.5	2.25	30
HN30	6.3	1/4	11.4	22.0	16.5	41.0	2.70	30
HN40	8.0	5/16	13.2	21.0	15.7	52.0	3.30	30
HN45	10.0	3/8	16.0	20.0	15	65.0	4.62	30
HN50	12.5	1/2	18.2	16.0	12	81.3	5.34	30
HN70	16.0	5/8	23.0	15.0	11.2	104.0	8.40	30
HN80	19.0	3/4	25.6	15.0	11.2	123.5	9.09	30
HN90	25.0	1	32.6	13.0	9.7	162.5	13.41	30
HN100	32.0	1 1/4	41.6	8.0	6.0	208.0	21.72	30
HN110	38.0	1 1/2	48.0	8.0	6.0	247.0	26.37	30
HN160	50.0	2	61.6	7.0	5.2	325.0	39.42	30

All sizes are nominal and normal manufacturing tolerances apply.

For further information please call Griflex on 01675 464803.

- (i) Maximum working pressure is based on a factor of safety of 4:1 for Air & 3:1 for Water on burst pressure at 23°C (+/- 2°C). Working pressure reduces with increasing temperatures.
- (ii) Lengths detailed above are as standard, however variations may be available subject to minimum order quantities. Weights are approximate dependant upon working tolerance and density of materials.
- (iii) Bending diameter information is intended as a guide to the minimum bend radius at 23°C ambient temperature without restricting the bore. It does not mean that the hose cannot be bent below the given dimensions but restriction is likely to occur.
- (iv) Errors, omissions and amendments excepted. As part of continuing product development GRIFLEX reserve the right to alter product specifications without prior notice. Data given is correct at time of compilation. Product specification and application data is for guidance only and does not constitute a warranty of any kind, either expressed or implied for GRIFLEX products or their suitability for a specific purpose.

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