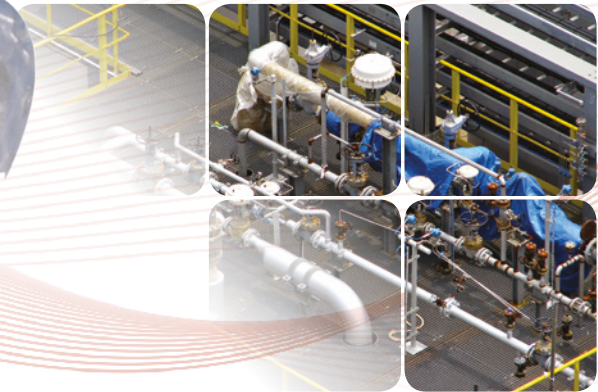


# GRIFLEX

hose & ducting solutions

## Also Available

- MH - Clear PVC Tubing
- FP - Clear Polyurethane Tubing
- HNHIVIS - Hi Visibility Braided PVC Hose
- XL - Lightweight Clear Braided PVC Hose



## HN

## Clear Braided PVC Hose

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 and 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 and general workshop use.

### Construction

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

### Colour

Standard - Clear  
Other colours available subject to minimum order quantity

### Temperature Range

-10°C to +60°C  
In accordance with BS EN ISO 6224 and BS EN ISO 5774

### Size Range

3/16" to 2"  
Other sizes available subject to minimum order quantity

### Standard Length

30m Coils  
Other lengths available subject to minimum order quantity

### Special Features

- FDA and EU10-2011 approved compound for food contact
- Outstanding resistance to the effects of weather
- Minimum frictional loss is achieved by the smooth bore
- Excellent chemical resistance



od outside diameter  
id internal diameter

### HN - Clear Braided PVC Hose

Product Ref.	Internal Dia. Inches	Internal Dia. mm	External Dia. mm	Wall Thickness Overall mm	Weight kg/m	Min. Bend Radius mm	Working Pressure Bar	Coil Length Metres
HN10	3/16"	5.0	10.0	2.5	0.08	33	25	30 / 100
HN30	1/4"	6.3	11.4	2.6	0.09	41	22	30 / 100
HN40	5/16"	8.0	13.2	2.6	0.11	52	21	30 / 100
HN45	3/8"	10.0	16.0	3.0	0.15	65	20	30 / 100
HN50	1/2"	12.5	18.2	2.9	0.18	81	16	30 / 100
HN70	5/8"	16.0	23.0	3.5	0.28	104	15	30 / 100
HN80	3/4"	19.0	25.6	3.3	0.30	124	15	30 / 100
HN90	1"	25.0	32.6	3.8	0.45	163	13	30 / 100
HN100	1 1/4"	32.0	41.6	4.8	0.72	208	8	30
HN110	1 1/2"	38.0	48.0	5.0	0.88	247	8	30
HN160	2"	50.0	61.6	5.8	1.31	325	7	30

All sizes are nominal and normal manufacturing tolerances apply.

Special Sizes are available on request but may be subject to Minimum Order Quantities and Leadtimes.

- (i) Maximum working pressure is based on a factor of safety of 4:1 for air and 3:1 for water on short term burst pressure at 20°C. If the temperature increases, please refer to the temperature pressure charts.
- (ii) Lengths detailed above are as standard, however variations may be available subject to minimum order quantities. Weights are approximate dependent upon working tolerance and density of materials.
- (iii) Bending diameter information is intended as a guide to the minimum bend radius at 20°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.

