

# CODEFLEX\*

## AQUAVEND UNREINFORCED PVC HOSE - PH series

### Special Features

- Made from Cadmium free materials
- Resistance to a wide range of chemicals (see Chemical Resistance Table)
- Good flexibility
- Silicone free
- Abrasion resistance - good
- Kink resistance - good
- Mirror smooth inner for improved flow
- Extruded with brilliant white finish
- WRc Approved material



### General Description

**Codeflex** Aquavend PH series is the ultimate in low pressure tube for safe conveyance of mains cold water, incorporating the latest in co-extrusion technology and extruded with a brilliant white finish to monitor cleanliness. Hytrel polyester elastomer in a Water Research Council (W.R.C.) grade has been selected for the inner layer, extruded with a mirror smooth surface and inseparably fused to F.D.A. approved flexible PVC.

Material: Liner - WRc Approved material  
Outer - F.D.A. Approved material

**Applications:** Low Pressure Brine Line Tubing / Water Transfer Tubing / Chemical / Petrochemical / Hydrocarbon Transfer Tubing (Refer to our Technical Department for further details).

### Safety Factors

When selecting a hose for an application it is important that an adequate safety factor is allowed. This will vary according to the type of service envisaged and below is an extract from ISO 7751 : 1997 to assist an installer in providing a proven level of safety

#### Type of Service

#### Safety Factor (Ratio of min. BP to Design WP)

Water hose, max WP 10 bar	3.0
Hose for all other liquids, solids suspended in liquid or air and water hose, WP over 10 bar	4.0
Hose for compressed air & other gases	4.0
Hose for liquid media that change into a gaseous state when subjected to a reduction in pressure. ie released to atmosphere	5.0
Jetting hose	2.5

## TECHNICAL DATA

### AQUAVEND UNREINFORCED PVC

(U.K. And European Sizes)

Product Ref.	Size		Weight per coil kgs	Burst Pressure 18 - 24oC (BAR)
	I.D.	O.D.		
PH 05	4.4	6.4	.65	31
PH 06*	5.4	8	.99	31
PH 08	6.4	9.5	1.50	31

UK Standard Stock Sizes in 30m coils.  
Colour: Black inner / white outer

Ex-stock in 30 metre coils and shrink wrapped

\* Available against minimum manufacturing quantities.  
Please contact our Sales Department for further details

Test Methods & Procedures

BS EN ISO 7751 : 1997  
BS EN 24671 : 1993  
BS EN 21746 : 1993  
ISO 1746 : 1983

**Please see Standards Index for further information**



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