

CODEFLEX*

AQUAVEND REINFORCED PVC HOSE - PHR series

Special Features

- Made from Cadmium free materials
- Resistance to a wide range of chemicals (see Chemical Resistance Table)
- Good flexibility
- Silicone free
- Abrasive resistance - good
- Kink resistance - good
- Mirror smooth inner for improved flow
- Braided with polyester fibre
- Extruded with brilliant white finish
- Will not support microbiological growth
- WRc Approved material - approval no. 9407022



General Description

Codeflex Aquavend series is the ultimate in pressure hose for the conveyance of mains water, incorporating the latest in co-extrusion technology.

Polyester elastomer, is a Water Research Council (W.R.C.) approved grade, has been selected for the inner layer, for the safe conveyance of potable cold and hot water (up to 85°C). However, due care and attention must be given to the routing of **Codeflex** Aquavend as kink resistance will be reduced at elevated temperatures in comparison with **Codeflex** Aquavend conveying cold water.

Codeflex Aquavend is extruded with a mirror smooth inner layer, which is inseparably fused to F.D.A. approved flexible P.V.C. material.

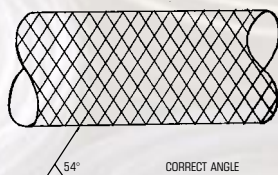
The merging of polyester elastomer by co-extrusion with P.V.C. in the manufacture of **Codeflex** Aquavend offers distinct advantages over conventional hose.

Applications

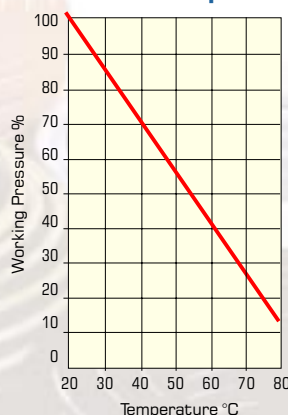
Vending, Water Softeners, Filtration and Dosing

Braiding and Braid Angles

Much is said and written about braid angle and there is no dispute about the general philosophy and principle of 54° 44' (54.73°) being the optimum angle.



PHR RANGE
Pressure/Temperature
Relationships



Max. recommended continuous working temperature = 70°C



TECHNICAL DATA

AQUAVEND REINFORCED PVC (U.K. And European Sizes)

Product Ref.	Size (mm)		Weight per coil kgs	Burst Pressure 18 - 24°C (BAR)
	I.D.	O.D.		
PHR 06	6.3	12	4.1	80
PHR 10	10	16	5.9	60
PHR 12	12.5	19	8.1	44
PHR 19	19	26	12.1	39
PHR 25	25	33	14.5	30

UK Standard Stock Sizes in 30m coils.

WRc Approval No. 9407022

Test Methods & Procedures

BS EN ISO 7751 : 1997
ISO 1402 : 1994
BS EN 28033 : 1993
BS EN 24671 : 1993
ISO 8033 : 1991
BS EN 21746 : 1993

Please see Standards Index for further information

For Safety Factors see ISO 7751 : 1997 extract overleaf.

