

Glass Clear Polyester Reinforced PVC Hose

Codeflex 2000 series



Codeflex

General Description

Codeflex 2000 series is made from glass clear PVC low toxic raw materials. It is fully compliant with FDA Standards and reinforced with high tensile polyester fibres. These fibres are applied in such a way as to maximise hoop strength and minimise longitudinal movement under pressure.

Codeflex 2000 is ideally suited to applications requiring a light duty flexible hose meeting general shop floor airline pressures.

Codeflex 2000 is compact and economically priced.

Codeflex 2000 has excellent resistance to abrasion and its high degree of transparency ensures that blockages in fluid conveyance applications are easily located.

Braiding and Braid Angles

The angle of application of the reinforcing fibres, irrespective of the denier, is critical in the achievement of a 'balanced' pressure hose. Copely manufacture hose with a target angle of 54° 44' (54.73°) being the optimum angle. Variations to the angle are generally for economic reasons, but major variations will have a marked effect on the performance and longevity of the product.

Technical Data

UK Standard Stock Sizes in 30m coils

Product Ref	Size I.D.	Size O.D.	Burst Pressure Bar	Bend Radius mm
PVK06	6.3	11	30	30
PVK08	8.0	12	30	40
PVK10	10.0	14	30	50
PVK12	12.5	18	30	60
PVK16	16.0	22	30	80
PVK19	19.0	25	30	95
PVK25	25.0	32	30	125

Colours available upon request

3.1 safety factor @23°C +3°C

Maximum working Pressure: 10 bar (147 psi)

Minimum Burst Pressure: 30 bar (441 psi)

Conforms to Products Standards:

BS EN ISO 6226 : 1997

Test Methods & Procedures:

ISO 7751 : 1997

ISO 1402 : 1994

EN 28033 : 1993 BS

BS EN 24671

BS EN ISO 1307 : 1996

ISO 4672 : 1988

ISO 8033 : 1991

Special Features

Food

- Abrasion resistance - excellent
- Made from Cadmium free materials
- Resistance to a wide range of chemicals (see Chemical Resistance Table)
- Good flexibility
- High resistance to acids / alkalis
- Silicone free
- Service temperature -15°C to +60°C
- Toxicity - low and suitable for food use
- Excellent transparency
- All finished coils shrink wrapped

Abrasive

Water

Chemicals

Gas

Fuel/Oil