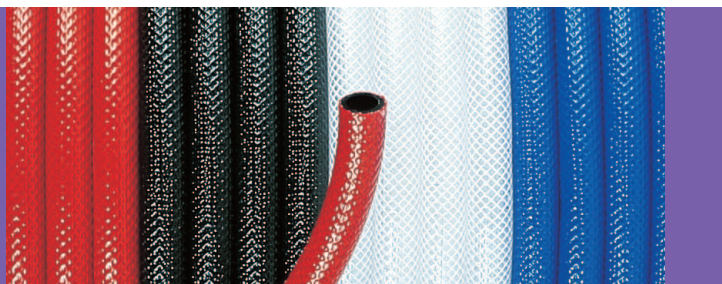


Multi-Purpose Reinforced PVC Hose

CX series



Coplexel

General Description

This British made hose has been produced by Copely Developments Limited by a specially developed process as the result of a long term development programme.

The Coplexel hose range is manufactured by unique advanced hose production techniques using extrusion of high quality PVC material. The range has a black inside core and blue or black scuff resistant outer cover to give long lasting use in service and more positive handling.

Coplexel has been created for numerous applications where lack of flexibility and weight of traditional hoses has given problems or limitations in use. Coplexel is lightweight, affording less operator fatigue and extra flexible with greater kink resistance, immediate recovery and with tighter bend radius potential. These qualities make Coplexel your first choice for normal pneumatic application, air tools and water or liquid delivery.

The use of high quality PVC gives the Coplexel range a resistance against a wide range of chemicals and allows the hose to be used over a wide temperature range. Chemical applications will be governed by the suitability of customers' products with flexible PVC - the hose is usable from -15°C to +60°C.

Technical Data

UK and European Sizes

Product Ref	Size I.D.	O.D.	Weight per coil kgs	Working Pressure Bar	Working Pressure PSI	Bend Radius mm
CX 6	6	10.5	1.8	18	260	28
CX 8	8	12.5	2.6	15	220	29
CX 10	10	14	2.9	13	190	40
CX 12	12	17	3.8	11	160	55
CX 16	16	21	6.7	11	160	95
CX 19	19	24	7.8	11	160	135

3:1 Safety Factor @ 20°C

UK Standard Stock Sizes in 30m coils.

Colours available ex-stock: Blue and Black

Other colours available subject to minimum manufacturing quantities

Other dimensions available, subject to a minimum manufacturing quantity.

Coplexel hose can be manufactured to special purpose requirements with working pressures between 30 and 40 bar. Details on request.

Conforms to Product Standards:

BS 6066 : 1981 (1986) ISO 5774 : 1980

Test Methods and Procedures:

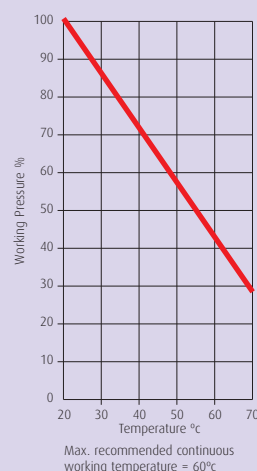
BS EN ISO 7751: 1997 BS EN ISO 1307 : 1996

ISO 1402 : 1994 BS EN 28033 : 1993

BS EN 24671 : 1993 ISO 8033 : 1991

Please see Standards Index for further information

Pressure/Temperature Relationships



Special Features

Food

- Resistant to a wide range of chemicals (see Chemical Resistance Table)

Abrasive

- Silicone free

Water

- Abrasion resistance - good

Chemicals

- Made from Cadmium free materials

Gas

- Kink resistance - good

- Ergonomic design

- High flexibility

- High resistance to acids / alkalis

- Service temperature -15°C to +60°C

- Toxicity - low and suitable for food use

- Unique manufacturing process - patent no. 0036674

- Lightweight - affording less operator fatigue

- All finished coils shrink wrapped