

# COPLEXEL\*

## MULTI-PURPOSE REINFORCED PVC HOSE - CX series

### Special Features

- Resistant to a wide range of chemicals (see Chemical Resistance Table)
- Silicone free
- Abrasion resistance - good
- Made from Cadmium free materials
- 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



### 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

## MULTI-PURPOSE REINFORCED PVC HOSE

(U.K. And European Sizes)

Product Ref	Size		Weight per coil Kgs	Working Pressure		Bend Radius mm
	I.D.	O.D.		BAR	PSI	
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.

**Coplex** 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

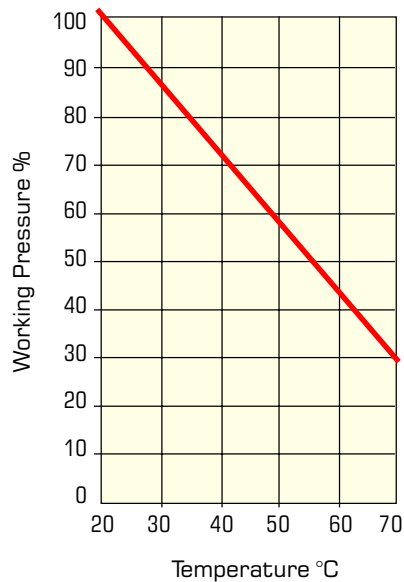
BS EN 28033 : 1993

BS EN 24671 : 1993

ISO 8033 : 1991

**Please see Standards Index for further information**

### CX RANGE Pressure/Temperature Relationships



Max. recommended continuous working temperature = 60°C



COPELY DEVELOPMENTS LTD