

# CODEFLEX\*

## CLEAR (UNREINFORCED) PVC - C series

### Special Features

- Ageing - outstanding resistance
- 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



### General Description

**Codeflex** clear PVC is produced from highest quality PVC to give both clarity and flexibility over a wide temperature range together with complete reliability in service and is suitable for use in both food and industrial applications.

**Codeflex** clear PVC hoses are lightweight and have excellent abrasion and corrosion properties. The chemical resistance of Copely Developments' clear PVC is excellent, being highly resistant to most acids and alkalis. Under most conditions it is suitable for use with Alcohol, Petrol and Oils, Greases and Solvents.

**Codeflex** clear PVC hoses are made from the highest quality PVC which has been specially formulated to meet the Federal Drug Administration (U.S.A.) and B.G.A. requirements for 'low toxicity' to give absolute minimum taste and odour and also the total absence of Cadmium. At the same time retaining the abrasion and corrosion properties and excellent clarity and flexibility.

In addition to the above we have a specialist material for the conveyance of beer, cool fluids and semi-fluid foodstuffs - for further information please contact our Sales Office.

**Codeflex** clear PVC is available ex-stock in 30 metre coils, but other lengths can be produced to order. European sizes also available against minimum manufacturing quantities. For further information please see attached table or discuss with our Sales Office.

Coloured PVC can be produced in either opaque or translucent colours over a very wide range (produced to special order).



# TECHNICAL DATA

## CODEFLEX CLEAR (UNREINFORCED) PVC

(U.K. And European Sizes)

### UK Standard Stock sizes in 30m coils.

Product Ref.	Size		Weight per coil kgs
	I.D.	O.D.	
C03/15	3mm	6mm	0.8
C05/15	5mm	8mm	1.1
C06/15	6mm	9mm	1.3
C08/15	8mm	11mm	1.7
C10/15	10mm	13mm	2.0
C12/15	12mm	15mm	2.4
C16/15	16mm	19mm	3.1
C04	4mm	10mm	2.4
C05	5mm	11mm	2.8
C06	6mm	12mm	3.2
C08	8mm	14mm	3.9
C10	10mm	16mm	4.6
C12	12mm	18mm	5.3
C16	16mm	22mm	6.7
C19	19mm	25mm	7.7
C22	22mm	28mm	8.8
C25	25mm	31mm	9.8
C32/5	32mm	42mm	21.6
C38/5	38mm	48mm	26.9
C44/5	44mm	54mm	28.6
C50/6	50mm	62mm	39.3

### European Sizes and roll lengths (custom manufacture)

Product Ref.	Size		Weight per coil kgs
	I.D.	O.D.	
Coil length 100m			
C02/04	2mm	4mm	1.2
C03/05	3mm	5mm	1.6
C03/06	3mm	6mm	2.6
C04/06	4mm	6mm	1.9
C04/07	4mm	7mm	3.2
C04/08	4mm	8mm	4.7
C05/07	5mm	7mm	2.3
C05/08	5mm	8mm	3.8
C05/09	5mm	9mm	5.5
C06/08	6mm	8mm	2.7
C06/09	6mm	9mm	4.4
C06/10	6mm	10mm	6.2
C06/11	6mm	11mm	8.3
C06/12	6mm	12mm	10.5
C07/10	7mm	10mm	5.0
C07/11	7mm	11mm	7.0
Coil length 50m			
C08/10	8mm	10mm	1.8
C08/11	8mm	11mm	2.8
C08/12	8mm	12mm	3.9
C08/14	8mm	14mm	6.4
C09/12	9mm	12mm	3.1
C09/13	9mm	13mm	4.3
C10/13	10mm	13mm	3.4
C10/14	10mm	14mm	4.7
C10/16	10mm	16mm	7.6
C12/15	12mm	15mm	3.9
C12/16	12mm	16mm	5.5
C12/17	12mm	17mm	7.1
C12/18	12mm	18mm	8.8
C12/19	12mm	19mm	10.6
C13/17	13mm	17mm	5.8
C13/19	13mm	19mm	9.3
C14/18	14mm	18mm	6.2
C14/20	14mm	20mm	9.9
C15/19	15mm	19mm	6.6
C15/20	15mm	20mm	8.5
C15/21	15mm	21mm	10.5
C15/23	15mm	23mm	14.8
C16/20	16mm	20mm	7.0
C16/21	16mm	21mm	9.0
C16/22	16mm	22mm	11.1
C18/22	18mm	22mm	7.8
C18/24	18mm	24mm	12.3
C19/24	19mm	24mm	10.5
C19/26	19mm	26mm	15.3
C19/27	19mm	27mm	17.9
C20/24	20mm	24mm	8.6
C20/26	20mm	26mm	13.4
C22/28	22mm	28mm	14.6
C24/30	24mm	30mm	15.8
Coil length 25m			
C25/31	25mm	31mm	8.2
C25/33	25mm	33mm	11.3
C25/35	25mm	35mm	14.6
C27/33	27mm	33mm	8.8
C30/37	30mm	37mm	11.4
C30/39	30mm	39mm	15.1
C30/40	30mm	40mm	17.0
C32/40	32mm	40mm	14.0
C32/42	32mm	42mm	18.0
C35/42	35mm	42mm	13.1
C35/45	35mm	45mm	19.5
C38/48	38mm	48mm	20.9
C40/48	40mm	48mm	17.1
C40/50	40mm	50mm	21.9
C45/55	45mm	55mm	24.3
C50/60	50mm	60mm	26.8

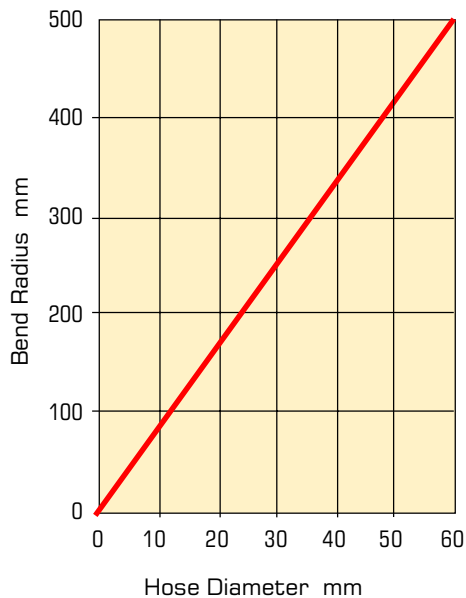
Test Methods & Procedures:

BS EN ISO 1307 : 1996

**Please see Standards Index for further information**

### Relationship of Bend Radius to Hose Diameter

The graph gives a general guide to the limit of bend capability of the hose. Tighter radii are possible but caution should be exercised if it is used, as this may lead to some flow restriction.



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