

# CDFG

## Food Grade Delivery Hose

A premium British made Food Grade Delivery hose produced from non-toxic European approved materials EC10/2011. The hose is highly flexible with a smooth internal bore. The hose is manufactured with a rigid crush resistant white PVC spiral helix in conjunction with a flexible clear PVC cover. It is tough, flexible, extremely durable under normal operating conditions and capable of coping with the British weather fluctuations. Minimum frictional loss is achieved by the smooth bore.

### Applications:

CDFG is suitable for the light duty suction and delivery of water, powders, granules, foodstuffs and dilute chemicals. CDFG is ideally suited to applications in the agricultural, food processing, plastics handling, marine. CDFG is UV compounded to resist atmospheric conditions and is ideally suited to external applications.

### Construction

CDFG is manufactured from a white rigid crush resistant anti-shock PVC Spiral helix encapsulated in a clear flexible PVC cover together with a smooth inner wall. Manufactured from FDA approved ingredients and is non-toxic, REACH compliant, DEHP free and less than 0.1% ortho - phthalates

### Colour

Standard – Clear with a white inner helix.

### Temperature Range

-10°C to +55°C

### Size Range

½" to 4"  
12.0mm to 102.0mm

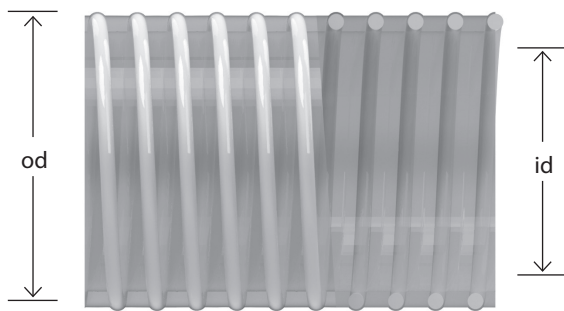
### Standard Length

30 metres supplied in a coil.

### Special Features

- Smooth Bore
- Clear Flexible PVC Cover
- UV Resistant
- Tough, Flexible, and extremely durable under normal operating conditions
- Crush resistant helix
- Cross section maintained even when highly flexed
- Non-toxic
- Independently tested to European Food Regulation 10/2011. Suitable for repeat use with all food types (excluding fatty foods) at full temperature range.





od outside diameter  
id internal diameter



**CDFG - Water Delivery Hose, Food Grade - Clear**

Product Ref.	Internal Dia. Inches	Internal Dia. mm	External Dia. mm	Wall Thickness Overall mm	Weight kg/Mtr	Min. Bend Radius Radius mm	Vacuum Mtrs H <sub>2</sub> O	Working Pressure Bar	Coil Length Metres
CDFG05	1/2"	12.0	17.2	2.6	0.16	57	7	10.0	30
CDFG06	5/8"	16.0	21.2	2.6	0.26	72	7	9.5	30
CDFG07	3/4"	19.0	24.6	2.8	0.28	86	7	9.0	10/30
CDFG10	1"	25.4	32.0	3.3	0.33	114	7	8.0	10/30
CDFG12	1 1/4"	32.0	39.2	3.6	0.46	143	7	7.0	10/30
CDFG15	1 1/2"	38.0	45.4	3.7	0.55	171	7	6.5	10/30
CDFG16	Metric	40.3	47.6	3.65	0.61	160	7	6.5	10/30
CDFG18	Metric	45.0	52.8	3.90	0.67	180	7	6.0	10/30
CDFG20	2"	51.6	59.8	4.1	0.81	230	7	6.0	10/30
CDFG24	Metric	60.0	69.0	4.5	0.97	270	7	5.0	10/30
CDFG25	2 1/2"	63.5	71.9	4.2	1.04	284	7	5.0	30
CDFG30	3"	76.0	86.4	5.2	1.38	342	7	4.0	30
CDFG32	Metric	80.0	90.6	5.30	1.56	360	7	4.0	10/30
CDFG35	3 1/2"	89.0	99.4	5.2	1.80	401	7	4.0	30
CDFG40	4"	102.0	114.6	6.3	2.16	459	7	4.0	10/30

All sizes are nominal and normal manufacturing tolerances apply.

Special Sizes are available on request but may be subject to Minimum Order Quantities and Leadtimes.

- (i) Maximum working pressure is based on a factor of safety of 3:1 on short term burst pressure at 20°C. If the temperature increases, please refer to the temperature pressure charts.
- (ii) Lengths detailed above are as standard, however variations may be available subject to minimum order quantities. Weights are approximate dependent upon working tolerance and density of materials.
- (iii) Bending diameter information is intended as a guide to the minimum bend radius at 20°C ambient temperature without restricting the bore. It does not mean that the hose cannot be bent below the given dimensions but restriction is likely to occur.