



## SURFACE DIVING HOSES – FIBROLINE / FIBROLITE

The Fibrolite and Fibroline range of sheathed lower pressure hoses are designed for use in surface dive and bell excursion applications where kink and abrasion resistance are high priorities and is particularly suited to jacket maintenance and salvage type operations. Other applications include use in breathing apparatus for use in gas tank inspections and other hazardous environments. The main difference between Fibrolite and Fibroline hoses is the maximum working pressure. Where the working pressure is within the limits of the Fibrolite range there is a considerable price advantage.

### Fibrolite Hose Data

Hose Dash Size		-04	-06	-08
Specification Number		FLT04	FLT06R	FLT08
Max. working pressure	psi / bar	400 / 27.5	500 / 35	400 / 27.5
Min. burst pressure	psi / bar	1,600 / 110	2,000 / 140	1,600 / 110
Nominal bore	in / mm	1/4" / 6.35	3/8" / 9.50	1/2" / 12.50
Outside diameter	mm	11.50	17.50	18.50
Weight in air	kg/km	82	194	167
Weight in sea-water	kg/km	-25	-53	-109
Min. bend radius (operational)	mm	75	115	120
Standard Colour		Yellow	Blue	Red

### Fibroline Hose Data

Hose Dash Size		-03	-04	-06	-08	-10	-12
Max. working pressure	psi / bar	500 / 35	500 / 35	500 / 35	500 / 35	500 / 35	500 / 70
Min. burst pressure	psi / bar	5,000 / 345	2,500 / 172	4,000 / 276	4,000 / 276	4,000 / 276	6,000 / 414
Nominal bore	in / mm	3/16" / 5.10	1/4" / 6.35	3/8" / 9.53	1/2" / 12.70	5/8" / 15.80	3/4" / 19.30
Outside diameter	mm	11.00	12.50	18.50	21.50	24.25	30.60
Min. bend radius (operational)	mm	72	82	121	140	158	199
<b>Gas Hose Specification</b>		<b>FBL 03T</b>	<b>FBL 04P</b>	<b>FBL 06G</b>	<b>FBL 08G</b>	<b>FBL 10G</b>	<b>FBL 12G</b>
Weight in air	kg/km	81	101	227	270	303	502
Weight in sea-water	kg/km	-16	-25	-49	-102	-171	-252
Standard Colour		Green	Yellow	Blue	Blue	Blue	Blue
<b>Hot Water Hose specification</b>		<b>FBL 03H</b>	<b>FBL 04H</b>	<b>FBL 06H</b>	<b>FBL 08H</b>	<b>FBL 10H</b>	<b>FBL 12H</b>
Weight in air Hose / Hose full of Water	kg/km	81 / 101	101 / 133	227 / 298	270 / 397	303 / 499	502 / 786
Weight in sea-water Hose full of Water	kg/km	4	7	23	24	25	31
Standard Colour		Red	Red	Red	Red	Red	Red

**Manufacturing Site :**  
**Cortland Fibron BX**  
 Unit 2, RD Park  
 Stephenson Close  
 Hoddesdon, Herts  
 EN11 0BW, UK  
 Tele: +44 (0) 1992 471444  
 Fax: +44 (0) 1992 471555

**Sales Office:**  
**Cortland Fibron BX**  
 Howe Moss Crescent  
 Kirkhill Industrial Estate  
 Dyce, Aberdeen  
 AB21 0GN, UK  
 Tele: +44 (0) 1224 215959  
 Fax: +44 (0) 1224 215958

**Sales Office:**  
**Cortland Companies**  
 1102 Hall Court  
 Deer Park  
 Texas 77536  
 Tele: +1 281 265 1900  
 Fax: +1 281 265 2550

**Sales Office:**  
**Cortland Companies**  
 83 Joo Koon Circle  
 Unit 01-03  
 Singapore 629109  
 Tele: +65 6515 4971  
 Fax: +65 6515 4972