

Fibrolite and Fibroline hoses

The Fibrolite and Fibroline range of sheathed lower pressure diving hoses are designed for use in surface dive applications where kink and abrasion resistance are high priorities. They are particularly suited to jacket maintenance and salvage type operations. Other applications include use in breathing apparatus for gas tank inspections and other hazardous environments.

Fibrolite and Fibroline air dive gas and hot water hoses can be fitted with marine phosphor bronze swageable hose ends.

FIBROLINE HOSE DATA

Hose type		Hot water hose specification					
Specification number		FBL 03H	FBL 04H	FBL 06H	FBL 08H	FBL 10H	FBL 12H
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
Weight in air: hose/hose full of water	kg/km	81 / 101	101 / 133	227 / 298	270 / 397	303 / 499	502 / 786
Weight in seawater (hose full of water)	kg/km	4	7	23	24	25	31
Standard colour*		Red	Red	Red	Red	Red	Red

Hose type		Gas hose specification					
Specification number		FBL 03T	FBL 04P	FBL 06G	FBL 08G	FBL 10G	FBL 12G
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
Weight in air	kg/km	81	101	227	270	303	502
Weight in seawater	kg/km	-16	-25	-49	-102	-171	-252
Standard colour*		Green	Yellow	Blue	Blue	Blue	Blue

FIBROLITE HOSE DATA

Hose type		Pneumo Hose	Gas hose	Hot water hose
Specification number		FLT 04	FLT 06/R	FLT 08
Hose dash size		-04	-06	-08
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" / 9.53	1/2" / 12.5
Outside diameter	mm	11.50	17.50	18.50
Min. bend radius (operational)	mm	75	115	120
Weight in air	kg/km	82	194	167
Weight in seawater	kg/km	-25	-53	-109
Standard colour*		Yellow	Blue	Red

* Other colours available; minimum order quantities apply