



Choke & Kill and Well Service Hoses with TauroFlon™ liner

High quality flexible hose assemblies licensed under API 16C 2nd Edition - FSL3

ContiTech is now offering API 16C hoses with the patented TauroFlon™ liner, giving exceptional chemical compatibility in high pressure, high temperature environments.

ContiTech's TauroFlon™ lined hoses are suitable for conditions up to 15,000psi and 130°C. Made to a robust standard, the hoses are fitted with an internal stainless steel carcass, designed to withstand periods of continuous operation where there is a high risk of rapid decompression. The liner is resistant to a wide range of chemicals at high temperatures (see table for reference).

TauroFlon™ lined hoses are manufactured at the ContiTech plant in Hungary and have passed the stringent mechanical and high temperature exposure tests required by API 16C, as witnessed and certified by DNV.

Recommended applications:

- Choke & Kill Lines
- Well Testing
- Well Completion
- Well Stimulation/Acidizing
- Chemical Injection

	Chemical Compatibility	
	Medium	TauroFlon™
Crude oil		130°C
Water based mud		130°C
Oil based mud		130°C
Hydrogen sulphide (< 20%)		130°C
Zinc bromide (40 %)		130°C
Zinc bromide (saturated)		130°C
Calcium bromide (25 %)		130°C
Calcium bromide (saturated)		130°C
Cesium formate (saturated)		130°C
Potassium formate (75 %)		130°C
Hydrochloric acid (15 %)		130°C
Hydrochloric acid (37 %)		130°C
Hydrofluoric acid (3 %)		130°C
Hydrofluoric acid (10 %)		130°C
Produced water		130°C

Choke & Kill and Well Service Hoses with TauroFlon™ liner (130°C)

Standard

API Spec. 16C up to FSL 3

Construction

Bore type	full flow, rough bore
Liner material	H ₂ S resistant TauroFlon™
Operating temperature	-20°C to +130°C (0°F to 266°F)
Survival temperature	177°C (350°F) for at least 1 hour
Max. available length	60m (200ft)



Features & Comments

- Outstanding chemical compatibility and temperature resistance
- Suitable for Chemical Injection
- Coupling materials meet NACE MR 01-75 / ISO 15156 latest edition
- See Flexible TauroFit Choke & Kill Lines for subsea BOPs and for Flexible Choke & Kill Lines with extremely small MBRs

Technical Data

Inside		Type	Rated Working		Test		Safety	Outer		MBR		MBR		Weight	
Diameter	Diameter		Pressure		Pressure			Factor	Diameter	Diameter	(storage)		(dynamic)		kg/m
mm	in		bar	psi	bar	psi	(WP)	mm	in	m	ft	m	ft		
54	2.0	Standard	345	5000	517	7500	2.25	146	5.8	0.8	2.6	0.8	2.6	40	27
		Standard c/w st. st. wrap						151	5.9	0.8	2.6	0.8	2.6	46	31
		Fire rated						159	6.3	0.9	3.0	0.9	3.0	46	31
		Fire rated c/w st. st. wrap						165	6.5	0.9	3.0	0.9	3.0	52	35
		Standard	690	10000	1035	15000	2.25	146	5.8	0.8	2.6	0.8	2.6	40	27
		Standard c/w st. st. wrap						151	5.9	0.8	2.6	0.8	2.6	46	31
		Fire rated						159	6.3	0.8	2.6	0.8	2.6	46	31
		Fire rated c/w st. st. wrap						165	6.5	0.8	2.6	0.8	2.6	52	35
		Standard	1035	15000	1552	22500	2.25	175	6.9	1.2	3.9	1.2	3.9	72	48
		Standard c/w st. st. wrap						181	7.1	1.2	3.9	1.2	3.9	78	52
		Fire rated						188	7.4	1.3	4.3	1.3	4.3	79	53
		Fire rated c/w st. st. wrap						194	7.6	1.3	4.3	1.3	4.3	86	58
65	2.5	Standard	345	5000	517	7500	2.25	159	6.3	0.9	3.0	0.9	3.0	46	31
		Standard c/w st. st. wrap						165	6.5	0.9	3.0	0.9	3.0	52	35
		Fire rated						172	6.8	1.0	3.3	1.0	3.3	52	35
		Fire rated c/w st. st. wrap						178	7.0	1.0	3.3	1.0	3.3	59	40
		Standard	690	10000	1035	15000	2.25	159	6.3	0.9	3.0	0.9	3.0	46	30
		Standard c/w st. st. wrap						165	6.5	0.9	3.0	0.9	3.0	52	35
		Fire rated						172	6.8	1.0	3.3	1.0	3.3	52	35
		Fire rated c/w st. st. wrap						178	7.0	1.0	3.3	1.0	3.3	59	40
		Standard	1035	15000	1552	22500	2.25	188	7.4	1.3	4.3	1.3	4.3	80	54
		Standard c/w st. st. wrap						194	7.6	1.3	4.3	1.3	4.3	87	59
		Fire rated						202	8.0	1.4	4.6	1.4	4.6	88	59
		Fire rated c/w st. st. wrap						207	8.2	1.4	4.6	1.4	4.6	96	65
78	3.0	Standard	345	5000	517	7500	2.25	188	7.4	0.9	3.0	0.9	3.0	80	54
		Standard c/w st. st. wrap						194	7.6	0.9	3.0	0.9	3.0	87	59
		Fire rated						202	8.0	1.0	3.3	1.0	3.3	88	59
		Fire rated c/w st. st. wrap						207	8.2	1.0	3.3	1.0	3.3	96	65
		Standard	690	10000	1035	15000	2.25	188	7.4	0.9	3.0	0.9	3.0	80	54
		Standard c/w st. st. wrap						194	7.6	0.9	3.0	0.9	3.0	87	59
		Fire rated						202	8.0	1.0	3.3	1.0	3.3	88	59
		Fire rated c/w st. st. wrap						207	8.2	1.0	3.3	1.0	3.3	96	65
		Standard	1035	15000	1552	22500	2.25	207	8.2	1.0	3.3	1.0	3.3	96	65
		Standard c/w st. st. wrap						204	8.0	1.4	4.6	1.4	4.6	95	64
		Fire rated						210	8.3	1.4	4.6	1.4	4.6	102	69
		Fire rated c/w st. st. wrap						218	8.6	1.5	4.9	1.5	4.9	103	69
104	4.0	Standard	345	5000	517	7500	2.25	223	8.8	1.5	4.9	1.5	4.9	111	75
		Standard c/w st. st. wrap						124	5.0	1.4	4.6	1.4	4.6	94	63
		Fire rated						130	5.1	1.4	4.6	1.4	4.6	103	69
		Fire rated c/w st. st. wrap						237	9.3	1.5	4.9	1.5	4.9	104	70
		Standard	690	10000	1035	15000	2.25	243	9.6	1.5	4.9	1.5	4.9	112	75
		Standard c/w st. st. wrap						124	5.0	1.4	4.6	1.4	4.6	94	63
		Fire rated						130	5.1	1.4	4.6	1.4	4.6	103	69
		Fire rated c/w st. st. wrap						237	9.3	1.5	4.9	1.5	4.9	104	70
		Standard						243	9.6	1.5	4.9	1.5	4.9	112	75
		Standard c/w st. st. wrap													
		Fire rated													
		Fire rated c/w st. st. wrap													

