

Flexible Choke and Kill Lines - Smooth Bore

API Specification 16C / API Monogram Licence No: 16C-0004.

Applications:

General choke and kill service
Sour service



Lining Material: H2S Resistant Synthetic Polymer

Operating Temperature: -20 to +100°C

Survival Temperature: 177°C for max. 1 hour

Maximum available length: 33.5m

Production length tolerance:
up to 6.4m hose length +/- 64mm
above 6.4m hose length +/- 1%

- Fire rating available to Lloyd's Register OD 1000/499.
- Additional external protection can be added to the hose.
- Coupling materials meet NACE MR 01-75/ISO 15156 latest edition.
- Choke and Kill lines are not manufactured with Line Pipe Threaded couplings.
- Minimum Bending Radius (MBR) is referred to the centre-line of the hose.

All the regulations of API 16 Specification 16C are met including 9.14.12—Performance Verification Test and 10.5.2—High Temperature Exposure Test.

ID	Type	Working Pressure		Test Pressure		Safety Factor	OD Hose Body	MBR Storage	MBR Operation	Weight of Hose Body	Note
		psi	bar	psi	bar						
2	Standard	5000	345	10000	690	3	135	1.2	1.3	30.5	
	Standard c/w st.st wrap						145	1.2	1.3	35.5	
	Fire rated						148	1.3	1.4	36.0	
	Fire rated c/w st.st wrap						158	1.3	1.4	40.0	
	Standard	10000	690	15000	1035	2.25	135	1.2	1.3	30.5	
	Standard c/w st.st wrap						145	1.2	1.3	35.5	
	Fire rated						148	1.3	1.4	36.0	
	Fire rated c/w st.st wrap						158	1.3	1.4	40.0	
	Standard	15000	1035	22500	1552	2.25	153	1.3	1.5	47.0	
	Standard c/w st.st wrap						163	1.3	1.5	51.0	
	Fire rated						159	1.4	1.6	50.0	
	Fire rated c/w st.st wrap						169	1.4	1.6	55.0	

ID	Type	Working Pressure		Test Pressure		Safety Factor	OD Hose Body	MBR Storage	MBR Operation	Weight of Hose Body	Note
		psi	bar	psi	bar						
2.5	Standard	5000	345	10000	690	3	150	1.2	1.3	36.0	
	Standard c/w st.st wrap						160	1.2	1.3	40.0	
	Fire rated						163	1.3	1.4	42.0	
	Fire rated c/w st.st wrap						174	1.3	1.4	49.5	
	Standard	10000	690	15000	1035	2.25	150	1.2	1.3	37.0	
	Standard c/w st.st wrap						160	1.2	1.3	42.0	
	Fire rated						163	1.3	1.4	43.0	
	Fire rated c/w st.st wrap						175	1.3	1.4	50.0	
	Standard	15000	1035	22500	1552	2.25	168	1.3	1.5	54.0	
	Standard c/w st.st wrap						180	1.3	1.5	61.0	
	Fire rated						174	1.4	1.6	57.0	
	Fire rated c/w st.st wrap						186	1.4	1.6	64.0	
3	Standard	5000	345	10000	690	3	164	1.4	1.5	41.0	
	Standard c/w st.st wrap						174	1.4	1.5	46.0	
	Fire rated						178	1.5	1.6	48.0	
	Fire rated c/w st.st wrap						189	1.5	1.6	55.0	
	Standard	10000	690	15000	1035	2.25	165	1.4	1.6	42.0	
	Standard c/w st.st wrap						177	1.4	1.6	50.0	
	Fire rated						178	1.5	1.7	49.0	
	Fire rated c/w st.st wrap						190	1.5	1.7	57.0	
	Standard	15000	1035	22500	1552	2.25	158	1.2	1.4	52.0	
	Standard c/w st.st wrap						175	1.2	1.4	59.1	
	Fire rated						173	1.4	1.7	58.9	
	Fire rated c/w st.st wrap						184	1.4	1.7	66.2	
4	Standard	5000	345	10000	690	3	187	1.4	1.6	49.2	*
	Standard c/w st.st wrap						198	1.4	1.6	56.0	*
	Fire rated						207	1.5	1.7	59.0	*
	Fire rated c/w st.st wrap						219	1.5	1.7	68.0	*
	Standard	11000	690	15000	1035	2.25	196	1.5	1.7	62.2	*
	Standard c/w st.st wrap						208	1.5	1.7	70.4	*
	Fire rated						216	1.6	1.8	74.0	*
	Fire rated c/w st.st wrap						228	1.6	1.8	83.0	*

Note * without API monogram