

Rotary & Vibrator Hose

for high temperature drilling & sour service

Standard

API 7K Spec. FSL 1 - FSL 2

Construction

Bore type	full flow, smooth bore
Liner material	H ₂ S resistant HNBR
Operating temperature	-30°C to +121°C (-22°F to 250°F)
Max. available length	60m (200ft)

Features & Comments

- Designed for high working temperature and sour service mud delivery
- The hose is capable of handling 20% H₂S (Hydrogen Sulphide) for 1 hour at 121°C at rated working pressure
- See Underbalanced Drilling Hoses for Gas, Air and Foam drilling
- See Managed Pressure Drilling Hoses for Managed Pressure Drilling (MPD) and Dual Gradient Drilling (DGD)
- Handling instructions: ContiTech TKO ASO and AS3 latest edition

Technical Data

Inside Diameter		Rated Working Pressure		Test Pressure		API Grade	Safety Factor (WP)	Outer Diameter		MBR (operation)		Weight	
mm	in	bar	psi	bar	psi			mm	in	m	ft	kg/m	lb/ft
51	2.0	276	4000	414	6000	C	2.5	104	4.1	0.7	2.3	15	10
		345	5000	517	7500	D	2.5	104	4.1	0.7	2.3	15	10
64	2.5	276	4000	414	6000	C	2.5	111	4.4	1.7	5.6	15	10
		345	5000	517	7500	D	2.5	111	4.4	0.7	2.3	15	10
		517	7500	776	11250	E	2.5	136	5.4	0.8	2.6	31	21
76	3.0	276	4000	414	6000	C	2.5	126	5.0	0.8	2.6	18	12
		345	5000	517	7500	D	2.5	126	5.0	0.8	2.6	18	12
		517	7500	776	11250	E	2.5	148	5.8	1.1	3.6	34	23
89	3.5	276	4000	414	6000	C	2.5	140	5.5	0.9	3.0	21	14
		345	5000	517	7500	D	2.5	140	5.5	0.9	3.0	21	14
		517	7500	776	11250	E	2.5	162	6.4	1.3	4.3	39	26
102	4.0	276	4000	414	6000	C	2.5	161	6.3	1.0	3.3	30	20
		345	5000	517	7500	D	2.5	161	6.3	1.0	3.3	30	20
		517	7500	776	11250	E	2.5	174	6.9	1.4	4.6	42	28
127	5.0	345	5000	517	7500	D	2.5	213	8.4	1.5	4.9	67	45
		517	7500	776	11250	E	2.5	213	8.4	1.5	4.9	67	45
152	6.0	345	5000	517	7500	D	2.25	224	8.8	1.7	5.6	57	38 *
		517	7500	776	11250	E	2.25	248	9.8	1.8	5.9	93	63 *

* API 7K not labelled

