

Rotary & Vibrator Hose

for high temperature drilling & sour service

STANDARD

API Spec. 7K FSL 1 - FSL 2

CONSTRUCTION

Bore type

full flow, smooth bore

Liner material

H₂S resistant HNBR

Operating temperature

-22°F to 250°F (-30°C to 121°C)

Max. available length

60m (200 ft)

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 250°F (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)



TECHNICAL DATA

Inside Diameter		Rated Working Pressure		Test Pressure		API Grade	Safety Factor	Outer Diameter		MBR (operation)		Weight	
mm	in.	bar	psi	bar	psi		WP	mm	in.	m	ft.	kg/m	lb./ft.
51	2.0	276	4,000	414	6,000	C	2.5	104	4.1	0.7	2.3	15	10
		345	5,000	517	7,500	D	2.5	104	4.1	0.7	2.3	15	10
64	2.5	276	4,000	414	6,000	C	2.5	111	4.4	1.7	5.6	15	10
		345	5,000	517	7,500	D	2.5	111	4.4	0.7	2.3	15	10
		517	7,500	776	11,250	E	2.5	136	5.4	0.8	2.6	31	21
76	3.0	276	4,000	414	6,000	C	2.5	126	5.0	0.8	2.6	18	12
		345	5,000	517	7,500	D	2.5	126	5.0	0.8	2.6	18	12
		517	7,500	776	11,250	E	2.5	148	5.8	1.1	3.6	34	23
89	3.5	276	4,000	414	6,000	C	2.5	140	5.5	0.9	3.0	21	14
		345	5,000	517	7,500	D	2.5	140	5.5	0.9	3.0	21	14
		517	7,500	776	11,250	E	2.5	162	6.4	1.3	4.3	39	26
102	4.0	276	4,000	414	6,000	C	2.5	153	6.0	1.0	3.3	24	16
		345	5,000	517	7,500	D	2.5	153	6.0	1.0	3.3	24	16
		517	7,500	776	11,250	E	2.5	174	6.9	1.4	4.6	42	28
127	5.0	345	5,000	517	7,500	D	2.5	213	8.4	1.5	4.9	67	45
		517	7,500	776	11,250	E	2.5	213	8.4	1.5	4.9	67	45
152	6.0	345	5,000	517	7,500	D	2.25	224	8.8	1.7	5.6	57	38*
		517	7,500	776	11,250	E	2.25	248	9.8	1.8	5.9	93	63*

* API 7K not labeled