

Rotary & Vibrator Hoses

API Specification 7K FSL 1-FSL 2 API Monogram License No: 7K-0008
ISO 14693

Applications:

- Mud delivery hoses
- Mud jumper hoses
- Motion compensator hoses
- Decoking hoses
- Water injection



Operating Temperature: - 25 to +100°C or
- 30 to +82°C

Maximum available length: 33.5m up to 5" bore
and 30m in 6" bore size

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.
- Minimum Bending Radius (MBR) is referred to the centre-line of the hose.
- Handling Instruction: TKO AS0 latest edition.
- For gas drilling see Underbalanced drilling hoses.

ID	Working Pressure		Test Pressure		API Grade	Safety Factor	OD Hose Body	MBR Storage	MBR Operation	Weight of Hose Body	Note	
	in	psi	bar	psi								bar
2		4000	276	8000	552	C	2.5	97	0.6	0.7	11	
		5000	345	10000	690	D	2.5	102	0.6	0.7	12	
2.5		4000	276	8000	552	C	2.5	109	0.6	0.7	13	
		5000	345	10000	690	D	2.5	111	0.6	0.7	15	
		7500	517	15000	1035	E	2.5	132	0.7	0.8	25	
3		4000	276	8000	552	C	2.5	124	0.6	0.7	16	
		5000	345	10000	690	D	2.5	126	0.7	0.8	18	
		7500	517	15000	1035	E	2.5	148	1.0	1.1	34	
3.5		4000	276	8000	552	C	2.5	140	0.8	0.9	21	
		5000	345	10000	690	D	2.5	140	0.8	0.9	21	
		7500	517	15000	1035	E	2.5	162	1.2	1.3	38	

ID	Working Pressure		Test Pressure		API Grade	Safety Factor	OD Hose Body	MBR Storage	MBR Operation	Weight of Hose Body	Note
	psi	bar	psi	bar							
	in					xWP	mm	m	m	Kg/m	
4	4000	276	8000	552	C	2.5	166	1.0	1.2	33	
	5000	345	10000	690	D	2.5	166	1.0	1.2	33	
	7500	517	15000	1035	E	2.5	174	1.2	1.4	41	
5	5000	345	10000	690	D	2.5	197	1.4	1.5	47	
	7500	517	15000	1035	E	2.5	213	1.4	1.5	67	
6	5000	345	7500	690	-	2.25	226	1.5	1.7	57	*
	7500	517	11250	776	-	2.25	234	1.6	1.8	76	*

Note * Hose properties differ from API Specification 7K requirement.