

API 7K-FSL 2 GRADE "D" ROTARY MUD HOSE

- Tube:** Nitrile
Reinforcement: Two layers of high strength steel wires cables, rubberized textile plies
Cover: Black, abrasion, corrosion, cutting, gouging, oil and weather resistant
Temperature: -30°C to 82°C (-22°F to 180°F)
Application: Flexible connection between standpipe and swivel (Rotary Drilling) or between pump and standpipe (Vibrator) for pumping



API Specification 7K-FSL 2 API Monogram Licence No. 7K-0096 (ISO 14693)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Test Pressure	MBR Storage Inches	MBR Operation Inches	Weight (lbs./ft.)	Standard Lengths	Safety Factors
DR50-250	2½	4.37	5000	10,000	1.97	2.30	10.08	130'	2.5
DR50-300	3	4.96	5000	10,000	2.30	2.62	12.10	130'	2.5
DR50-350	3½	5.51	5000	10,000	2.62	2.95	14.16	130'	2.5



- FSL:** Suitable for directional drilling (FSL 2 qualified) and non-directional drilling (FSL 1)
 FSL (Flexible Specification Level) 2 requires a high frequency pulsation test of 10,000 cycles, raising and lowering the pressure in a time cycle not to exceed 10 seconds. The amplitude of the pressure pulsations shall be at least 90% of the WP.
- MBR:** Minimum bend radius is referred to the center-line of each hose.
- TKO:** Handling instructions TKO ASO 3 latest edition.



SWAGED COUPLINGS / CONNECTIONS

2.5 Inch Hose*

- 3" API Male Threaded
- 3" Fig 1002 Male Sub & Nut
- 3" Fig 1002 Female Sub

3 Inch Hose*

- 3" API Male Threaded
- 3" Fig 1002 Union Sub & Nut
- 3" Fig 1002 Female union
- 4" API Male Threaded
- 4" Fig 1002 Male Sub & Nut
- 4" Fig 1002 Female union

3.5 Inch Hose*

- 4" API Threaded Male
- 4" Fig 1002 Male Sub & Nut
- 4" Fig 1002 Female Union Sub
- 5" Fig 1002 Male Sub & Nut
- 5" Fig 1002 Union Sub



*Typical connections listed; others available upon request