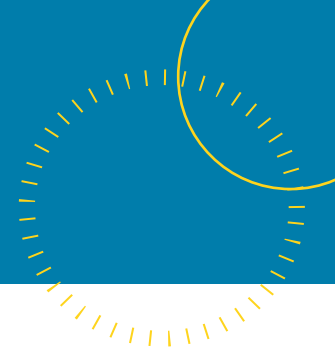


TECHNICAL SPECIFICATION: ROTARY DRILLING/VIBRATOR HOSE

API 7K Grade E/FSL 1 & ISO 14693



Key Features

Highly robust and flexible, compact spiral hose structure - Extremely high ozone, weather and abrasion resistant hose cover - Flame retardant (MSHA) and antistatic properties - Coupling solution uses a distinctive double skive, crimped-on hose fitting, creating a highly robust, safe connection.

Applications & Fluids

- Flexible connection between standpipe and swivel (rotary drilling) or between pump and standpipe (rotary vibrator) for pumping mud at very high pressure in oil drilling and exploration works.
- Water and mud, mineral oils, glycols and polyglycols, mineral oils in aqueous emulsion.

PART REF	HOSE SIZE			R.O.D		O.D		MAX W.		BURST		MIN.BEND		WEIGHT		FITTINGS	
	DN	dash	inch	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft	Std1	Std2
	H11004051*	51	- 32	2"	68,4	2,69	72,4	2,85	517	7500	1293	18750	800	31,50	6484	4,36	IP+M01800-32
H11004063*	63	- 40	2.1/2"	81,3	3,20	85,3	3,36	517	7500	1293	18750	900	35,43	8226	5,53	IP+M01810-40	
H11004076*	76	- 48	3"	97,9	3,85	101,9	4,01	517	7500	1293	18750	1200	47,24	12357	8,30	IS+M02800-48	
H11004089*	89	- 56	3.1/2"	118,0	4,65	124,0	4,88	517	7500	1293	18750	1372	54,00	19007	12,77	IS+M02800-56	

Continuous Service

Temperature Range

-4°F / 212 °F

-20 °C / 100 °C

Tube

Oil and abrasion resistant synthetic rubber

Reinforcement

Multiple high tensile steel wire spirals layers

Cover

Black synthetic rubber with high abrasion, weather and heat resistance

Applicable Specs

API 7K Grade E/FSL 1 and ISO 14693-E performance

Type Approvals

MSHA, API 7K FSL 1 Monogram

Remarks

Min. hose temperature resistance according to ISO 10619-2 method:

- Tube (internal mud): -46°C (-50°F)
- Cover (environment): -55°C (-67°F)



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