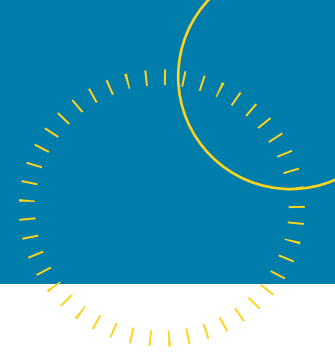


TECHNICAL SPECIFICATION: ROTARY DRILLING/VIBRATOR HOSE

API 7K Grade D/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 |
| | H11003051* | 51 | - 32 | 2" | 64,6 | 2,54 | 68,6 | 2,70 | 345 | 5000 | 863 | 12510 | 700 | 27,56 | 4642 | 3,12 | IP+M01500-32 |
| H11003063* | 63 | - 40 | 2½" | 77,5 | 3,05 | 81,5 | 3,21 | 345 | 5000 | 863 | 12510 | 800 | 31,50 | 5856 | 3,94 | IP+M01500-40 | |
| H11003076* | 76 | - 48 | 3" | 93,3 | 3,67 | 97,3 | 3,83 | 345 | 5000 | 863 | 12510 | 1000 | 39,37 | 8684 | 5,84 | IP+M01810-48 | |
| H11003089* | 89 | - 56 | 3½" | 114,6 | 4,51 | 120,6 | 4,75 | 345 | 5000 | 863 | 12510 | 1372 | 54,00 | 15906 | 10,69 | IS+M02610-56 | |
| H11003102* | 102 | - 64 | 4" | 132,7 | 5,22 | 139,7 | 5,50 | 345 | 5000 | 863 | 12510 | 1372 | 54,00 | 20571 | 13,82 | IS+M02600-64 | |

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

Remarks

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

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

Applicable Specs

API 7K Grade D FSL 1 and ISO 14693-D performance

Type Approvals

MSHA, API 7K FSL 1 Monogram



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