

ROCKMASTER/4SH

ABRASION, WEATHER & HEAT RESISTANCE



HOSES

H11-8

KEY FEATURES

- Validated for high fatigue resistance
- Superior abrasion resistance
- High ozone and weather resistance
- Flame resistance to a wide range of specs.
- Antistatic and antitoxic cover
- Upgraded temperature resistance
- BIO biological and mineral oils compatibility

APPLICATIONS & FLUIDS

- Hydraulics: very high pressure power lines in severe environmental conditions, specific installations with tough abrasion conditions, marine applications, underground and open pit mining
- Mineral oils, vegetable oils and synthetic ester based oils (up to 100°C/212°F), glycols and polyglycols, mineral oils in aqueous emulsion, water

TECHNICAL DATA

| PART. REF. | HOSE SIZE | | | R.O.D. | | O.D. | | MAX W.P. | | BURST | | MIN.BEND | | WEIGHT | | FITTINGS | |
|------------|-----------|------|--------|--------|------|------|------|----------|------|-------|-------|----------|-------|--------|-------|--------------|--------------|
| | DN | dash | inch | mm | inch | mm | inch | bar | psi | bar | psi | mm | inch | g/m | lb/ft | Std1 | Std2 |
| H10044016* | 16 | - 10 | 5/8" | 25,5 | 1,00 | 28,5 | 1,12 | 450 | 6520 | 1850 | 26830 | 180 | 7,09 | 1290 | 0,87 | IP+M01500-10 | |
| H10044019* | 19 | - 12 | 3/4" | 28,2 | 1,11 | 31,9 | 1,26 | 420 | 6090 | 1750 | 25380 | 210 | 8,27 | 1500 | 1,01 | IP+M01500-12 | SP+M05400-12 |
| H10044025* | 25 | - 16 | 1" | 35,1 | 1,38 | 38,1 | 1,50 | 385 | 5580 | 1750 | 25380 | 220 | 8,66 | 2040 | 1,37 | IP+M01500-16 | SP+M05400-16 |
| H10044032* | 31 | - 20 | 1.1/4" | 42,2 | 1,66 | 45,0 | 1,77 | 350 | 5070 | 1400 | 20300 | 420 | 16,54 | 2410 | 1,62 | IP+M01500-20 | SP+M05400-20 |
| H10044038* | 38 | - 24 | 1.1/2" | 49,1 | 1,93 | 53,1 | 2,09 | 300 | 4350 | 1250 | 18120 | 560 | 22,05 | 3170 | 2,13 | IP+M01500-24 | SP+M05400-24 |
| H10044051* | 51 | - 32 | 2" | 63,5 | 2,50 | 67,5 | 2,66 | 250 | 3620 | 1000 | 14500 | 700 | 27,56 | 4460 | 3,00 | IP+M01500-32 | SP+M05400-32 |

CONTINUOUS SERVICE TEMPERATURE RANGE

-40 °F / 250 °F
-40 °C / 121 °C

MAX OPERATING TEMPERATURE

125 °C, 257 °F

TUBE

Oil resistant synthetic rubber

REINFORCEMENT

Four high tensile steel spirals

COVER

Synthetic rubber with high ozone, weather and heat resistance

APPLICABLE SPECS

Exceed EN 856 4SH; ISO 3862 4SH

TYPE APPROVALS

ABS; DNV-GL; DNV-GL (MED); BV; FRAS; CU-TR; LR; MA; MSHA; B; RINA; NK