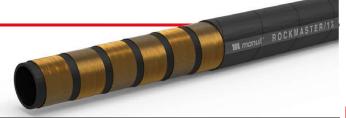
manuli®

ROCKMASTER/13

ABRASION, WEATHER & HEAT RESISTANCE



| TECHNICAL DATA | | | | | | | | | | | | | | | | | |
|----------------|-----------|------|--------|------|------|------|----------|-----|--------|-------|-----------|-------|--------|-------|----------|----------------------|--------------|
| 111 | 1 | | | | | Ò | | bar | | | | \in | | ©, | | | |
| PART REF. | HOSE SIZE | | R.O.D | | 0.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 | Std 1 | Std 2 |
| H10035A06* | 6 | -4 | 1/4" | 14.6 | 0.57 | 17.6 | 0.69 | 690 | 10,000 | 3,250 | 47,130 | 120 | 4.72 | 660 | 0.44 | | |
| H10035A10* | 10 | -6 | 3/8" | 17.4 | 0.69 | 20.4 | 0.80 | 690 | 10,000 | 2,900 | 42,060 | 150 | 5.91 | 830 | 0.56 | | |
| H10035A12* | 12 | -8 | 1/2" | 21.5 | 0.85 | 24.5 | 0.96 | 620 | 8,990 | 2,500 | 36,250 | 200 | 7.87 | 1,140 | 0.77 | | |
| H10035019* | 19 | -12 | 3/4" | 29.0 | 1.14 | 31.8 | 1.25 | 350 | 5,070 | 1,950 | 28,280 | 240 | 9.45 | 1,630 | 1.10 | IP+M01500-12 | SP+M05400-12 |
| H10035025* | 25 | -16 | 1" | 36.0 | 1.42 | 39.2 | 1.54 | 350 | 5,070 | 1,650 | 23,930 | 300 | 11.81 | 2,190 | 1.47 | IP+M01500-16 | SP+M05400-16 |
| H10035032* | 31 | -20 | 1.1/4" | 47.0 | 1.85 | 50.0 | 1.97 | 350 | 5,070 | 1,500 | 21,750 | 420 | 16.54 | 3,600 | 2.42 | I P+M01600-20 | SP+M05500-20 |
| H10035040* | 38 | -24 | 1.1/2" | 54.6 | 2.15 | 57.5 | 2.26 | 350 | 5,070 | 1,600 | 23,200 | 500 | 19.69 | 4,700 | 3.16 | IP+M01600-24 | SP+M05500-24 |
| H10035051* | 51 | -32 | 2" | 68.4 | 2.69 | 72.0 | 2.83 | 350 | 5,070 | 1,500 | 21,750 | 630 | 24.80 | 6,800 | 4.57 | IP+M01800-32 | SP+M05500-32 |

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
- · BIO biological and mineral oils compatibility

APPLICATIONS & FLUIDS

- Hydraulics: heavy duty power lines, hydrostatic transmissions, 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

CONTINUOUS SERVICE TEMPERATURE RANGE

-40 °C, -40 °F

121 °C, 250 °F

TUBE

Oil resistant synthetic rubber

REINFORCEMENT

Four high tensile steel spirals (DN 6-25). Six high tensile steel spirals (DN 31-51)

COVER

STRONG - TYPE "SD"

Synthetic rubber with high abrasion, ozone, weather and heat resistance

APPLICABLE SPECS

Exceeds EN 856 R13; SAE 100 R13; ISO 3862 R13

TYPE APPROVALS

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