

# ROCKMASTER/4SP

ABRASION, WEATHER & HEAT RESISTANCE



## 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 | Std 1        | Std 2        |
| H10008006* | 6         | -4   | 1/4"   | 14.7  | 0.58 | 17.6 | 0.69 | 485      | 7,030 | 2,400 | 34,800 | 125       | 4.92  | 590    | 0.40  | MF+M00910-04 |              |
| H10008010* | 10        | -6   | 3/8"   | 17.6  | 0.69 | 21.0 | 0.83 | 450      | 6,520 | 2,000 | 29,000 | 125       | 4.92  | 740    | 0.50  | MF+M00910-06 |              |
| H10008012* | 12        | -8   | 1/2"   | 20.3  | 0.80 | 24.2 | 0.95 | 420      | 6,090 | 1,750 | 25,380 | 175       | 6.89  | 880    | 0.59  | MF+M00910-08 |              |
| H10008016* | 16        | -10  | 5/8"   | 23.7  | 0.93 | 27.6 | 1.09 | 380      | 5,510 | 1,600 | 23,200 | 200       | 7.87  | 1,080  | 0.73  | MF+M00910-10 |              |
| H10008019* | 19        | -12  | 3/4"   | 28.2  | 1.11 | 31.7 | 1.25 | 380      | 5,510 | 1,600 | 23,200 | 240       | 9.45  | 1,450  | 0.97  | MF+M00920-12 | SP+M05400-12 |
| H10008025* | 25        | -16  | 1"     | 35.0  | 1.38 | 39.0 | 1.54 | 320      | 4,640 | 1,400 | 20,300 | 340       | 13.39 | 1,880  | 1.26  | MF+M00930-16 | SP+M05400-16 |
| H10008032* | 31        | -20  | 1.1/4" | 46.1  | 1.81 | 49.7 | 1.96 | 210      | 3,040 | 1,250 | 18,120 | 460       | 18.11 | 2,990  | 2.01  | MF+M00920-20 | SP+M05500-20 |
| H10008038* | 38        | -24  | 1.1/2" | 52.4  | 2.06 | 56.1 | 2.21 | 185      | 2,680 | 1,000 | 14,500 | 560       | 22.05 | 3,500  | 2.35  | MF+M00910-24 | SP+M05500-24 |
| H10008051* | 51        | -32  | 2"     | 65.4  | 2.57 | 69.0 | 2.72 | 175      | 2,530 | 1,000 | 14,500 | 660       | 25.98 | 5,010  | 3.37  | MF+M00910-32 | SP+M05400-32 |

### 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
- 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

### CONTINUOUS SERVICE TEMPERATURE RANGE

-40 °C, -40 °F  
121 °C, 250 °F

### TUBE

Oil resistant synthetic rubber

### REINFORCEMENT

Four high tensile steel spirals

### COVER

STRONG - TYPE "SD"  
Synthetic rubber with high abrasion, ozone, weather and heat resistance

### APPLICABLE SPECS

Exceeds EN 856 4SP; ISO 3862 4SP; DN 16 & 19: thin cover style, exceeds EN 856 4SP and ISO 3862 4SP

### TYPE APPROVALS

ABS; DNV-GL; DNV-GL (MED); BV; FRAS; CU-TR; MA; MSHA; RINA; B; LR; NK; DB (EN 45545-2); CCS; KRS