

# ROCKMASTER/2SN

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  |
| H01038006* | 6         | -4   | 1/4"   | 12.7  | 0.50 | 14.7 | 0.58 | 400      | 5,800 | 1,750 | 25,380 | 50        | 1.97  | 365    | 0.25  | MF+M03400-04 | OPF-04 |
| H01038008* | 8         | -5   | 5/16"  | 14.3  | 0.56 | 16.3 | 0.64 | 350      | 5,070 | 1,480 | 21,460 | 60        | 2.36  | 405    | 0.27  | MF+M03400-05 | OPF-05 |
| H01038010* | 10        | -6   | 3/8"   | 16.7  | 0.66 | 18.7 | 0.74 | 350      | 5,070 | 1,400 | 20,300 | 70        | 2.76  | 530    | 0.36  | MF+M03400-06 | OPF-06 |
| H01038012* | 12        | -8   | 1/2"   | 19.8  | 0.78 | 21.8 | 0.86 | 350      | 5,070 | 1,400 | 20,300 | 89        | 3.50  | 650    | 0.44  | MF+M03400-08 | OPF-08 |
| H01038016* | 16        | -10  | 5/8"   | 23.0  | 0.91 | 25.0 | 0.98 | 250      | 3,620 | 1,020 | 14,790 | 100       | 3.94  | 720    | 0.48  | MF+M03400-10 | OPF-10 |
| H01038019* | 19        | -12  | 3/4"   | 27.0  | 1.06 | 29.0 | 1.14 | 215      | 3,110 | 900   | 13,050 | 130       | 5.12  | 930    | 0.62  | MF+M03400-12 | OPF-12 |
| H01038025* | 25        | -16  | 1"     | 34.8  | 1.37 | 36.8 | 1.45 | 175      | 2,530 | 670   | 9,710  | 160       | 6.30  | 1,290  | 0.87  | MF+M03400-16 | OPF-16 |
| H01038032* | 31        | -20  | 1.1/4" | 44.3  | 1.74 | 47.0 | 1.85 | 140      | 2,030 | 600   | 8,700  | 419       | 16.50 | 1,930  | 1.30  | MF+M03400-20 | OPK-20 |
| H01038040* | 38        | -24  | 1.1/2" | 50.7  | 2.00 | 53.4 | 2.10 | 100      | 1,450 | 500   | 7,250  | 500       | 19.69 | 2,262  | 1.52  | MF+M03400-24 | OPK-24 |
| H01038051* | 51        | -32  | 2"     | 63.5  | 2.50 | 66.2 | 2.61 | 90       | 1,300 | 420   | 6,090  | 630       | 24.80 | 2,880  | 1.94  | MF+M03400-32 | OPK-32 |
| H01038060* | 60        | -38  | 2.3/8" | 68.8  | 2.71 | 71.5 | 2.81 | 90       | 1,300 | 360   | 5,220  | 650       | 25.59 | 2,670  | 1.79  | MF+M03400-38 |        |

### KEY FEATURES

- Superior abrasion resistance
- High ozone and weather resistance
- Flame resistance to a wide range of specs.
- Antistatic and antitoxic cover
- Over standard pressure resistance

### APPLICATIONS & FLUIDS

- Hydraulics: medium-high pressure lines in severe environmental conditions, specific installations with tough abrasion conditions, marine applications, underground and open pit mining
- Mineral oils, vegetable and rape seed oils, glycol and polyglycol based oils, synthetic ester based oils, oils in aqueous emulsion, water

### CONTINUOUS SERVICE TEMPERATURE RANGE

-40 °C, -40 °F  
100 °C, 212 °F

### TUBE

Oil resistant synthetic rubber

### REINFORCEMENT

Two high tensile steel braids

### COVER

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

### APPLICABLE SPECS

Exceeds EN 853 2SN; SAE 100 R2AT; ISO 1436 2SN/R2AT

### TYPE APPROVALS

ABS; BV; DNV-GL; DNV-GL (MED); LR; FRAS; CU-TR; MSHA; RINA ; B; NK; MA; DIN 5510-2; CCS; KRS