

GOLDENISO/38 LONGLIFE

HIGH FATIGUE RESISTANCE



HOSES 35

| 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 |
| H10098006* | 6 | -4 | 1/4" | 11.3 | 0.44 | 13.1 | 0.52 | 380 | 5,510 | 1,680 | 24,360 | 45 | 1.77 | 284 | 0.19 | MF+M00120-04 | |
| H10098008* | 8 | -5 | 5/16" | 12.9 | 0.51 | 14.7 | 0.58 | 380 | 5,510 | 1,680 | 24,360 | 55 | 2.17 | 318 | 0.21 | MF+M00120-05 | |
| H10098010* | 10 | -6 | 3/8" | 15.5 | 0.61 | 17.1 | 0.67 | 380 | 5,510 | 1,680 | 24,360 | 65 | 2.56 | 440 | 0.30 | MF+M00120-06 | |
| H10098012* | 12 | -8 | 1/2" | 18.6 | 0.73 | 20.6 | 0.81 | 380 | 5,510 | 1,680 | 24,360 | 80 | 3.15 | 573 | 0.39 | MF+M00120-08 | |
| H10098019* | 19 | -12 | 3/4" | 27.7 | 1.09 | 32.0 | 1.26 | 380 | 5,510 | 1,680 | 24,360 | 170 | 6.69 | 1,410 | 0.95 | IP+M01500-12 | |
| H10098025* | 25 | -16 | 1" | 34.8 | 1.37 | 38.1 | 1.50 | 380 | 5,510 | 1,680 | 24,360 | 220 | 8.66 | 1,964 | 1.32 | IP+M01500-16 | |
| H10098031* | 31 | -20 | 1.1/4" | 46.3 | 1.82 | 49.5 | 1.95 | 380 | 5,510 | 1,680 | 24,360 | 267 | 10.51 | 3,663 | 2.46 | IP+M01600-20 | |

KEY FEATURES

- Designed for original equipment
- Long-term mission profile in severe applications
- Over standard pressure rating
- High impulse resistance exceeding the ISO 18752 requirements
- Superior abrasion resistance
- High ozone and weather resistance
- Flame retardant and antistatic properties of the cover
- Wide compatibility with hydraulic fluids, mineral and biodegradable oils
- Low bend radius, better than the standard requirements
- Interlock-Plus easy mounting system for a very high-level robustness
- Isobaric pressure rating for easy selection and product management

APPLICATIONS & FLUIDS

- Heavy duty pressure lines, hydrostatic transmissions, heavy duty earth moving equipment, hydraulic presses, drilling applications, injection moulding machines, specific installations with severe abrasion conditions and/or harsh environmental 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

-46 °C, -50 °F

121 °C, 250 °F

TUBE

Oil resistant synthetic rubber

REINFORCEMENT

Two high tensile steel wire braids (DN 6 - 12), four high tensile steel wire spirals (DN 19 & 25), six high tensile steel wire spirals (DN 31)

COVER

STRONG - TYPE "SC"

Synthetic rubber with high abrasion, ozone, weather and heat resistance and an extended operational temperature range

APPLICABLE SPECS

Manuli® Design: DN 6 to 12 exceeds ISO 18752-C extension; DN 19 to 31 exceeds SAE J517 Type 100R13; ISO 3862 R13; ISO 18752-C-D extension

TYPE APPROVALS

CU-TR; MSHA; FRAS