GATES Hydraulic hose MegaSys® G1H (1SN)

Characteristics

Type: G1H

Material of inner wall: NBR Material of outer wall: CSM **Quality cover: Standard**

Temperature range [°C]: -40 / 135 °C

SAE standard: SAE 100 R1

Application

• Recommended for high-temperature, medium pressure hydraulic applications such as engine compartments and foundries.

Technical Information

Temperature range:

• -40°C to +135°C constant and +150°C intermittent.

Construction

Tube:

• NBR (Nitrile) based.

Reinforcement:

• One braid of high tensile steel wire.

Cover:

- CSM (Chlorosulfinated polyethylene) based.
- MSHA approved.

Execution

- 50% of SAE 100R1 bend radius at rated working pressure.
- Superior flex impulse performance: tested to 600,000 impulse cycles.

Approval

Standards:

• SAE 100R1

Options

Recommended couplings:

- -4 to -20 MegaCrimp®
- -24, -32 GlobalSpiral Plus

| Code | Hose ID (DN) | Hose ID | Outer diameter | Maximum operating pressure | Minimum burst pressure | Minimum bending radius | Outside wall colour | Weight | Article |
|------------|--------------|---------|-------------------|----------------------------------|---------------------------|------------------------------|---------------------|--------|----------|
| | | in | mm | bar | bar | mm | | kg/m | |
| 4G1HXRL134 | DN06 | 1/4" | 13.5 | 190 | 768 | 50 | Black | 0.22 | 1010933 |
| 12G1HXRL67 | DN19 | 3/4" | 27.9 | 86 | 358 | 120 | Black | 0.64 | 940488 |
| 16G1HXRL50 | DN25 | 1" | 35.8 | 69 | 280 | 150 | Black | 0.91 | 949922 |
| 24G1H | DN38 | 1.1/2" | 49.8 | 50 | 200 | 250 | Black | 1.46 | 949949 |
| 32G1H | DN51 | 2" | 63.8 | 42 | 168 | 315 | Black | 2.07 | 11374431 |
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