

GATES Hydraulic hose MegaSys® G1H (1SN)

Characteristics

Series: MegaSys®

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 (Chlorosulfonated 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	
4G1H	DN06	1/4"	13.5	190	768	50	Black	0.22	1010933
12G1H	DN19	3/4"	27.6	86	358	120	Black	0.64	940488
16G1H	DN25	1"	35.4	69	280	150	Black	0.91	949922
24G1H	DN38	1.1/2"	49.8	50	200	250	Black	1.46	949949
32G1H	DN51	2"	64	42	168	315	Black	2.07	11374431

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