

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

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.