

GATES Hydraulic hose G2H (2SN)

Characteristics

Type: G2H

Material of inner wall: NBR

Material of outer wall: CSM

Quality cover: Standard

Temperature range [°C]: -40 / 135 °C

EN standard: EN 853-2SN

SAE standard: SAE 100 R2AT

ISO standard: ISO 1436 2SN R2ATS

Application

- Recommended for high-temperature, high 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:

- Two braids of high tensile steel wire.

Cover:

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

Execution

- Superior flex impulse performance: tested to 600,000 impulse cycles.
- G2H hose is compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids.

Approval

Standards:

- Meets ISO 1436 2SN R2ATS / EN 853 2SN.
- Exceeds SAE 100 R2AT.

Options

Recommended couplings:

- -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							
20G2H	DN31	1.1/4"	47.2	125	500	420	Black	2.26	11374420
24G2H	DN38	1.1/2"	53.6	90	360	500	Black	2.48	11374421
32G2H	DN51	2"	66.5	80	320	630	Black	3.15	11374422

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