

## GATES G2H-MTF Wire Braid Hose High Temperature

### Characteristics

**Type:** G2H-MTF

**Material of inner wall:** NBR

**Material of outer wall:** CSM

**Quality cover:** Gates Megatuff

**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 oil line 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 (Chlorosulfinated polyethylene) based.
- MSHA approved.
- MegaTuff™

### Execution

- Superior flex impulse performance: Tested to 600,000 impulse cycles, 3 times the industry standard.
- G2H hose is compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids and phosphate esters.

### Approval

**Standards:**

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

### Options

**Recommended couplings:**

- -20: MegaCrimp™; -24 to -32: GlobalSpiral Plus.



Code	Hose ID (DN)	Hose ID	Outer diameter	Maximum operating pressure	Minimum burst pressure	Minimum bending radius	Outside wall colour	Article
		in	mm	bar	bar	mm		
20G2H-MTF	DN31	1.1/4"	47.5	125	500	420	Black	14536152
24G2H-MTF	DN38	1.1/2"	54.6	90	360	500	Black	14607050
32G2H-MTF	DN51	2"	67.3	80	320	630	Black	14607051

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