

GATES Hydraulic hose MegaSys® G2 (2SN)

Characteristics

Series: MegaSys®

Type: G2

Material of inner wall: NBR

Material of outer wall: NBR/PVC

Quality cover: Standard

Temperature range [°C]: -40 / 100 °C

EN standard: EN 853-2SN

SAE standard: SAE 100 R2AT

ISO standard: ISO 1436 2SN R2ATS

Application

- Recommended for high pressure hydraulic applications.

Technical Information

Temperature range:

- -40°C to +100°C constant and +121°C intermittent.

Construction

Tube:

- NBR (Nitrile) based.

Reinforcement:

- Two braids of high tensile steel wire.

Cover:

- NBR/PVC based.
- MSHA approved.

Execution

- 50% of SAE 100R2 bend radius at rated working pressure.
- Superior flex impulse performance: tested to 600,000 impulse cycles.
- G2 hose is compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids.

Approval

Standards:

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

Type approval:

- DNV, GL, LR, BV and ABS.

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	
20G2	DN31	1.1/4"	47.5	125	500	210	Black		1019318
24G2	DN38	1.1/2"	54.6	90	360	250	Black	2.63	1011967
32G2	DN51	2"	67.3	80	320	315	Black	3.35	853941

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.