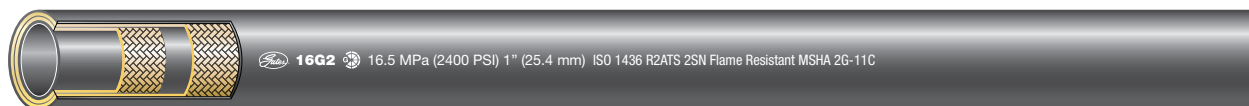


G2



-size	DN	"	"	mm	PSI	MPa	PSI	MPa	mm	kg/100m	REF.
-4	6	1/4	0.58	15.0	5800	40.0	23200	160.0	50	35	4G2
-5	8	5/16	0.64	16.3	5000	35.0	20000	140.0	55	39	5G2
-6	10	3/8	0.73	18.8	4800	33.0	19200	132.0	65	51	6G2
-8	12	1/2	0.86	21.8	4000	27.5	16000	112.0	90	61	8G2
-10	16	5/8	0.98	25.1	3625	25.0	14500	100.0	100	73	10G2
-12	19	3/4	1.14	29.0	3100	21.5	12400	86.0	120	91	12G2
-16	25	1	1.48	37.6	2400	16.5	9600	66.0	150	129	16G2
-20	31	1.1/4	1.87	47.5	1825	12.5	7300	50.0	210	225	20G2
-24	38	1.1/2	2.15	54.6	1300	9.0	5200	36.0	250	263	24G2
-32	51	2	2.65	67.3	1175	8.0	4700	32.0	315	335	32G2

RECOMMENDED FOR

High pressure hydraulic applications.

TUBE

NBR (Nitrile) based.

REINFORCEMENT

Two braids of high tensile steel wire.

COVER

NBR/PVC based. MSHA approved.

TEMPERATURE RANGE

-40°C to +100°C. For water emulsions, etc. see Engineering and technical data page 292.

STANDARDS

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

COUPLINGS

-4 to -20: MegaCrimp™; -24, -32: GlobalSpiral Plus.

TYPE APPROVALS

DNV, GL, LR, BV and ABS.

CHARACTERISTICS/BENEFITS

- 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.

OPTIONAL



G2XH: For high-temperature applications, Gates recommends the G2XH hose range up to +150°C constant.



G2L: for low-temperature applications, Gates recommends the G2L range down to -57°C constant.