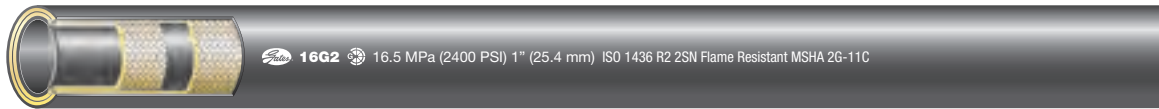


G2

ISO 1436 2SN R2



-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	5100	35.0	20300	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	209	20G2			
-24	38	1.1/2	2.15	54.6	1300	9.0	5200	36.0	250	248	24G2			
-32	51	2	2.65	67.3	1175	8.0	4700	32.0	315	315	32G2			

RECOMMENDED FOR

TUBE

REINFORCEMENT

COVER

TEMPERATURE RANGE

STANDARDS

COUPLINGS

TYPE APPROVALS

CHARACTERISTICS/BENEFITS

High pressure hydraulic applications.

NBR (Nitrile) based.

Two braids of high tensile steel wire.

NBR/PVC based. MSHA approved.

-40°C to +100°C constant and +121°C intermittent. For water emulsions, etc. see page 86.

EN 853 2SN. SAE 100R2. ISO 1436 2SN R2.

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

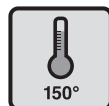
DNV, GL, LR, BV and MOD.

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 range up to 150°C constant. Please refer to page 49.



G2L: for low-temperature applications, Gates recommends the G2L range up to -57°C constant. Please refer to page 51.