

GATES G1

SAE 100R1 AT



General applications

#								Length	
	inch	mm	bar	psi	bar	psi	mm	m	
3G1	3/16	11.9	250	3,625	1,000	14,500	86	134	
4G1	1/4	13.5	225	3,275	900	13,100	102	134	
5G1	5/16	14.9	215	3,125	850	12,500	114	168	
6G1	3/8	17.5	180	2,600	720	10,400	127	117	
8G1	1/2	20.8	160	2,325	640	9,300	178	100	
10G1	5/8	23.9	130	1,900	520	7,600	203	67	
12G1	3/4	27.9	105	1,525	420	6,100	241	67	
16G1	1	35.8	88	1,275	352	5,100	305	50	
20G1	1 1/4	43.4	63	925	252	3,700	406	-	
24G1	1 1/2	50.3	50	725	200	2,900	508	-	
32G1	2	64.0	41	600	186	2,700	635	-	

APPLICATIONS

Medium pressure hydraulic lines. Meets or exceeds the requirements of SAE 100R1 Type AT and SAE 100R1 Type S and performance requirements of EN 853 1SN. Meets flame resistance acceptance designation "MSHA 2G".

FEATURES

- High abrasion resistance.
- High ozone and weather resistance flame resistance to a wide range of spec.

CONSTRUCTION

Core tube: Black, oil-resistance, synthetic rubber (Nitrile-TypeC).
Pressure reinforcement: One braid of high-tensile steel wire.
Cover: Black, oil abrasion-resistance, synthetic rubber (Modified Nitrile-Type C₂).
Colour: Black.

TEMPERATURE RANGE

-40°C to +100°C.

Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request. We reserve the right to make technical changes without notice.