Hydraulink®

MEDIUM PRESSURE HOSE

G1

ONE WIRE BRAID HOSE
BRAIDED WIRE REINFORCED HOSE - SAE 100R1
Type AT



- Due to manufacturing tolerances, the external dimension is an average.
- Recommended for: Medium pressure hydraulic applications.
- Internal tube: Nitrile based.
- Reinforcement: One braid of high tensile steel wire.
- External cover: NBR/PVC based. MSHA approved.
- Temperature range: -40°C to +100°C constant and +121°C intermittent.
- Standards: SAE 100R1AT. SAE 100R1S. EN 853 1SN. ISO 1436.
- Characteristics: G1 hose is compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids.

Part Number	Internal Size	Internal DN	Internal Diameter (in)	External Diameter (mm)	Working Pressure (psi)	Working pressure (bar)	Min burst pressure (psi)	Min burst pressure (bar)	Min bend radius (mm)
3G1	03	5	3/16	11.9	3625	250	14500	1000	100
4G1	04	6	1/4	13.5	3275	225	13100	900	100
5G1	05	8	5/16	15.0	3125	215	12500	860	110
6G1	06	10	3/8	17.5	2600	180	10400	720	130
8G1	08	12	1/2	20.8	2325	160	9300	640	180
10G1	10	16	5/8	23.9	1900	130	7600	520	200
12G1	12	19	3/4	27.9	1525	105	6100	420	240
16G1	16	25	1	35.8	1275	90	5100	360	300
20G1	20	31	1.1/4	43.4	925	63	3700	252	420
24G1	24	38	1.1/2	49.8	725	50	2900	200	510
32G1	32	51	2	64	600	40	2400	168	635

Please contact Hydraulink for further details and availability. Hydraulink reserve the right to change technical specifications without notice.