

G1 EN 853 1SN



											
-Size	DN	"	"	mm	PSI	MPa	PSI	MPa	mm	Kg/100m	REF.
-4	6	1/4	0.53	13.5	3275	22.5	13100	90.0	100	22	4G1
-5	8	5/16	0.59	15.1	3100	21.5	12400	86.0	110	26	5G1
-6	10	3/8	0.67	17.1	2600	18.0	10400	72.0	130	32	6G1
-8	12	1/2	0.80	20.3	2325	16.0	9300	64.0	180	39	8G1
-10	16	5/8	0.93	23.5	1900	13.0	7600	52.0	200	46	10G1
-12	19	3/4	1.09	27.6	1525	10.5	6100	42.0	240	59	12G1
-16	25	1	1.39	35.4	1300	9.0	5200	36.0	300	84	16G1
-20	31	1.1/4	1.71	43.4	925	6.3	3700	25.2	420	128	20G1
-24	38	1.1/2	1.96	49.8	725	5.0	2900	20.0	500	145	24G1
-32	51	2	2.52	64.0	600	4.0	2400	16.0	630	205	32G1

Recommended for	Medium-pressure hydraulic applications
Tube	NBR (Nitrile) based
Reinforcement	One braid of high-tensile steel wire
Cover	NBR/PVC based; MSHA approved
Temperature range	-40°C to +100°C constant and +121°C intermittent; for water emulsions, etc.
Standards	EN 853 1SN. SAE 100R1S. ISO 1436.
Couplings	-4 to -20: MegaCrimp®; -24, -32: ES-A
Type approvals	DNV, GL, LR and MOD
Characteristics/benefits	Superior flex impulse performance: tested to 600,000 impulse cycles G1 hose is compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids

