



FLUID TRANSFER TECHNOLOGY

HYDRAULIC HOSES



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WIRE BRAID

CR1



Applications

Medium pressure hydraulic lines. Meets or exceeds the requirements of SAE 100R1, ISO 1436 1SNR1 and EN 853 1SN.

Features

- MSHA
- Available with Gates 1 or 2 Piece Fittings

Temperature Range

-40°C to +100°C.

#									
	inch	DN	mm	bar	psi	bar	psi		
4CR1	1/4	6	13.2	226	3,275	903	13,100	102	
6CR1	3/8	10	16.8	179	2,600	717	10,400	127	
8CR1	1/2	12	19.8	160	2,325	641	9,300	178	
10CR1	5/8	16	23.1	131	1,900	524	7,600	203	
12CR1	3/4	19	27.2	105	1,525	420	6,100	241	
16CR1	1	25	35.1	86	1,250	345	5,000	300	

G1



Applications

Medium pressure hydraulics with low flexure/non-severe applications requiring the SAE 100R1 or EN853 1SN specification for dimensions and performance.

Features

- MDG41 and FRAS Compliant
- Available with Field Attachable Fittings

Temperature Range

-40°C to +100°C.

#									
	inch	DN	mm	bar	psi	bar	psi		
3G1	3/16	5	11.9	250	3,625	1000	14,500	76	
4G1	1/4	6	13.5	225	3,275	900	13,100	102	
6G1	3/8	10	17.3	180	2,600	720	10,400	127	
8G1	1/2	12	20.3	160	2,325	640	9,300	178	
10G1	5/8	16	23.6	130	1,900	520	7,600	203	
12G1	3/4	19	27.7	105	1,525	420	6,100	229	
16G1	1	25	35.6	90	1,300	358	5,200	305	
20G1	1 1/4	31	43.4	63	925	252	3,700	406	
24G1	1 1/2	38	49.8	50	725	200	2,900	508	
32G1	2	51	63.8	41	600	186	2,700	635	

G1H - High Temp



Applications

High temperature medium pressure hydraulic oil lines. Meets or exceeds requirements of SAE 100R1 Type AT.

Features

- High Temperature Rating

Temperature Range

-40°C to +135°C constant and +149°C intermittent (up to 10% of operating time).

#									
	inch	DN	mm	bar	psi	bar	psi		
4G1H	1/4	6	13.5	190	2,750	758	11,000	102	
6G1H	3/8	10	17.5	155	2,250	620	9,000	127	
8G1H	1/2	12	20.3	138	2,000	552	8,000	178	
10G1H	5/8	16	23.9	103	1,500	414	6,000	203	
12G1H	3/4	19	27.9	86	1,250	345	5,000	229	
16G1H	1	25	35.8	68	1,000	276	4,000	305	
20G1H	1 1/4	31	43.4	63	925	255	3,700	406	
24G1H	1 1/2	38	49.8	50	725	200	2,900	508	
32G1H	2	51	63.8	41	600	165	2,400	635	