



FLUID TRANSFER TECHNOLOGY

# HYDRAULIC HOSES



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# WIRE BRAID

## CR2



### Applications

High pressure hydraulics with low flexure/non-severe applications requiring the SAE 100R2 or EN853 2SN specification for dimensions and performance.

### Features

- MSHA
- Available with Gates 1 or 2 Piece Fittings

### Temperature Range

-40°C to +100°C.

#	inch		DN		mm		bar		psi		mm	
	inch	DN	mm	bar	psi	bar	psi	bar	psi	mm		
4CR2	1/4	6	14.5	400	5,800	1600	23,200	102				
6CR2	3/8	10	17.2	331	4,800	1324	19,200	127				
8CR2	1/2	12	20.2	276	4,000	1103	16,000	178				
10CR2	5/8	16	24.0	250	3,625	1000	14,500	203				
12CR2	3/4	19	27.4	215	3,125	862	12,500	214				
16CR2	1	25	35.0	165	2,400	662	9,600	305				

## G2



### Applications

High-pressure hydraulic oil lines. Meets or exceeds the requirements of SAE 100R2, ISO1436 2SN R2 and EN 853 2SN.

### Features

- MDG41 and FRAS Compliant
- Available with Field Attachable Fittings

### Temperature Range

-40°C to +100°C : limited to +70°C for water based fluids.

#	inch		DN		mm		bar		psi		mm	
	inch	DN	mm	bar	psi	bar	psi	bar	psi	mm		
4G2	1/4	6	15.0	400	5,800	1599	23,200	102				
6G2	3/8	10	18.8	331	4,800	1324	19,200	127				
8G2	1/2	12	21.8	276	4,000	1103	16,000	178				
10G2	5/8	16	25.2	250	3,625	1000	14,500	203				
12G2	3/4	19	29.2	214	3,100	855	12,400	214				
16G2	1	25	37.6	165	2,400	662	9,600	305				
20G2	1 1/4	31	47.2	126	1,825	503	7,300	419				
24G2	1 1/2	38	53.6	90	1,300	358	5,200	508				
32G2	2	51	66.5	81	1,175	324	4,700	635				

## G2XH 2 - Wire Braid Xtreme®



### Applications

Extremely High temperature high-pressure hydraulic applications where pressure or temperature requirements exceed SAE100R2, ISO1436 2SN R2 and EN 853 2SN or where resistance to either petroleum-base or phosphate ester fluids is required. Meets SAE J1942 requirements.

### Features

- Each hose features a constant working pressure.
- Black, oil resistant synthetic rubber (CPE)
- Tested to industry leading 1,000,000 impulse cycles.

### Temperature Range

-40°C to +149°C.

#	inch		DN		mm		bar		psi		mm	
	inch	DN	mm	bar	psi	bar	psi	bar	psi	mm		
4G2XH	1/4	6	15.0	413	6,000	1654	24,000	102				
6G2XH	3/8	10	18.8	344	5,000	1378	20,000	127				
8G2XH	1/2	12	21.8	293	4,250	1172	17,000	178				
10G2XH	5/8	16	25.2	249	3,625	999	14,500	203				
12G2XH	3/4	19	29.2	213	3,100	854	12,400	214				
16G2XH	1	25	37.6	172	2,500	689	10,000	305				
20G2X	1 1/4	31	47.2	155	2,250	620	9,000	419				
24G2X	1 1/2	38	53.6	124	1,800	496	7,200	508				
32G2X	2	51	66.5	103	1,500	413	6,000	635				