

**CR1 1-WIRE BRAID HOSE - SAE 100R1 - EN 853 1SN**
**WIRE BRAID**

**RECOMMENDED FOR**

Gates® PRO™ Series CR1 variable pressure hydraulic hoses deliver performance and reliability in a one-wire construction. Engineered for less demanding hydraulic applications, our line of professional-grade hoses are designed to balance product performance and investment for everyday uses. All sizes deliver consistent performance to SAE and EN industry specifications. Qualified with Gates® PRO™ Series and MegaCrimp® Couplings.

**TUBE**

Black, oil resistant, synthetic rubber tube.

**REINFORCEMENT**

One layer of braided high-tensile steel.

**COVER**

Black, abrasion resistant, synthetic rubber. Meet MSHA flame resistance

**TEMPERATURE RANGE**

Working Temperature: -40°C to +100°C (-40°F to +212°F).

 PART DESCRIPTION	 DN	 ID (IN)	 OD		 WP		 BURST		 MBR		 WEIGHT	
			IN	MM	PSI	MPA	PSI	MPA	IN	MM	LBS/FT	KG/M
4CR1	6	1/4	0.52	13.2	3275	22.5	13100	90.1	4.0	102	0.14	0.21
6CR1	10	3/8	0.66	16.8	2600	17.9	10400	71.6	5.0	127	0.19	0.28
8CR1	12	1/2	0.78	19.8	2325	16.0	9300	64.0	7.0	178	0.26	0.39
10CR1	16	5/8	0.91	23.1	1900	13.1	7600	52.3	8.0	203	0.29	0.43
12CR1	19	3/4	1.07	27.2	1525	10.5	6100	42.0	9.5	241	0.37	0.55
16CR1	25	1	1.38	35.1	1250	8.6	5000	34.4	11.8	300	0.54	0.80
20AGR1	31	1-1/4	1.71	43.4	925	6.4	3700	25.5	16.5	419	0.88	1.31
24AGR1	38	1-1/2	1.96	49.8	725	5.0	2900	20.0	19.6	498	0.90	1.34
32AGR1	51	2	2.49	63.2	600	4.1	2400	16.5	24.8	630	1.27	1.89

BRAIDED

SPIRAL

THERMOPLASTIC

OTHERS