



CR1 & CR2 HYDRAULIC HOSE

PRO™ SERIES - STANDARD HYDRAULIC SOLUTIONS FOR THE FACTORY AND FIELD

Gates PRO Series CR1 and CR2 variable pressure hydraulic hoses deliver performance and reliability **to standard minimum bend radii** in a one- or two-wire braid construction.

Engineered for less demanding hydraulic applications, our new line of professional-grade hoses are **designed to balance product performance and investment** for everyday uses. All sizes deliver consistent **performance to EN industry specifications.**

We believe operating challenges are made to be overcome. That's why thousands of industrial facilities, global operations and OE manufacturers around the world choose Gates hose and hydraulic systems to power their demanding fluid power applications.

FEATURES + BENEFITS

Ideal for non-severe, medium-pressure hydraulic applications with low flexure requirements

Application-specific design offers reliable performance that gets the job done

Meets EN 853 SN performance standards

Part of Gates PRO Series Hose Portfolio

Manufactured to Gates high-quality professional standards

**STRONG, RELIABLE AND FLEXIBLE.
ENGINEERED TO DELIVER DEPENDABLE,
APPLICATION-SPECIFIC PERFORMANCE.**

GATES® PRO™ SERIES CR1 AND CR2 HYDRAULIC HOSE: PROFESSIONAL-GRADE HYDRAULIC HOSE SOLUTIONS

Gates PRO Series CR1 and CR2 variable pressure hydraulic hoses are qualified for use with the EX Series couplings to ensure end-to-end performance – providing a broad range of engineered solutions for targeted hydraulic applications.

PRODUCT SPECIFICATIONS

- **TUBE:** Black, oil resistant, synthetic rubber tube.
- **REINFORCEMENT:** Braided high-tensile steel: CR1 = one layer, CR2 = two layers.
- **COVER:** Smooth, black, synthetic rubber. Meets MSHA flame resistance.
- **TEMPERATURE RANGE:** -40 °C to +100 °C (-40 °F to +212 °F).

INDUSTRIES + APPLICATIONS

- Agriculture
- Construction
- Mining
- Manufacturing
- Return Lines
- Low Flex Accessory Lines
- Auxiliary Lines
- Drain Lines

EN 853 1SN



GATES® PRO™ Series 10CR1 13.0 MPa (1900 PSI) 5/8" (15.9 mm) EN 853 1SN Flame Resistant MSHA 2G-11C

-size	↔		⊘		⌚		🌿		📏		REF.
	DN	"	"	mm	PSI	MPa	PSI	MPa	mm	kg/100m	
-4	6	1/4	0.52	13.2	3250	22.5	13000	90.0	100	21	4CR1
-5	8	5/16	0.59	15.1	3100	21.5	12400	86.0	115	26	5CR1
-6	10	3/8	0.66	16.8	2600	18.0	10400	72.0	130	34	6CR1
-8	12	1/2	0.78	19.8	2325	16.0	9300	64.0	180	39	8CR1
-10	16	5/8	0.91	23.1	1900	13.0	7600	52.0	200	43	10CR1
-12	19	3/4	1.07	27.2	1525	10.5	6100	42.0	240	55	12CR1
-16	25	1	1.38	35.1	1275	8.8	5100	35.2	300	82	16CR1

EN 853 2SN



GATES® PRO™ Series 16CR2 16.5 MPa (2400 PSI) 1" (25.4 mm) EN 853 2SN Flame Resistant MSHA 2G-11C

-size	↔		⊘		⌚		🌿		📏		REF.
	DN	"	"	mm	PSI	MPa	PSI	MPa	mm	kg/100m	
-4	6	1/4	0.57	14.5	5800	40.0	23200	160.0	100	33	4CR2
-5	8	5/16	0.64	16.3	5000	35.0	20000	140.0	115	39	5CR2
-6	10	3/8	0.73	18.5	4800	33.0	19200	132.0	130	57	6CR2
-8	12	1/2	0.85	21.6	4000	27.5	16000	110.0	180	60	8CR2
-10	16	5/8	0.98	24.9	3625	25.0	14500	100.0	200	70	10CR2
-12	19	3/4	1.14	29.0	3100	21.5	12400	86.0	240	86	12CR2
-16	25	1	1.46	37.1	2400	16.5	9600	66.0	300	126	16CR2



DRIVEN BY POSSIBILITY™