



DRIVEN BY POSSIBILITY™

GATES® PRO™ SERIES HYDRAULIC HOSE:

PRO V™ HYDRAULIC HOSE

HYDRAULIC SOLUTIONS FOR THE FACTORY AND FIELD.

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

Gates® PRO™ Series ProV™ variable pressure hydraulic hoses offer performance specifically tailored to hydraulic applications across multiple end markets.

All sizes exceed performance of EN 857 2SC 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
- Fully compliant with EN 857 2SC; also meets performance of SAE 100R16
- Manufactured to Gates high-quality professional standards



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GATES® PRO™ SERIES PRO V™ HYDRAULIC HOSE:

PROFESSIONAL-GRADE HYDRAULIC HOSE SOLUTIONS

Gates® PRO™ Series ProV™ variable-pressure hydraulic hoses are qualified for use with Excellium couplings to ensure end-to-end performance — providing a broad range of engineered solutions for targeted hydraulic applications.

Over the last 50 years, Gates has driven standard adoption in the industry. We have used our extensive knowledge of standards, industries and applications, as well as our expertise in materials science to create a competitive edge for our customers by developing application-specific solutions that offer reliable performance.



GATES IS YOUR SOURCE FOR HYDRAULIC HOSE AND COUPLINGS.

Ask your sales representative for more information.

THE RIGHT PRODUCTS FOR YOUR APPLICATION

PRODUCT SPECIFICATIONS:

- **STANDARD:** Meets criteria of EN 857 2SC, SAE 100 R16 and ISO 11237 2SC R16
- **TUBE:** Black, oil resistant, synthetic rubber tube
- **REINFORCEMENT:** Braided high-tensile steel
- **COVER:** Black, abrasion resistant, synthetic rubber
- **CERTIFIED:** MSHA Flame Resistant
- **TEMPERATURE RANGE:** -40°C to +100°C (-40°F to +212°F)

INDUSTRIES + APPLICATIONS:

- Construction
- Mining
- Stationary
- Agriculture

											
REF.	DN	“	mm	“	PSI	MPa	PSI	MPa	mm	kg/100m	STEM + FERRULE
4PROV	6	1/4	13.1	0.52	5,800	40,0	23,200	160,0	50	25	EX + 4EX1F-1
5PROV	8	5/16	14.7	0.58	5,000	35.0	20,000	140.0	55	30	EX + 5EX1F-1
6PROV	10	3/8	16.6	0.65	4,800	33.0	19,200	132.0	65	33	EX + 6EXVF-1
8PROV	12	1/2	20.3	0.80	4,000	27.5	16,000	110.0	90	46	EX + 8EXVF-1
10PROV	16	5/8	23.6	0.93	3,625	25.0	14,500	100.0	100	54	EX + 10EXVF-1
12PROV	19	3/4	27.4	1.08	3,100	21.5	12,400	86.0	120	67	EX + 12EX1F-1
16PROV	25	1	35.4	1.39.4	2,400	16.5	9,600	66.0	150	102	EX + 16EXVF-1

PROV

EN857 2SC



-size	DN	"	"	mm	PSI	MPa	PSI	MPa	mm	m	kg/100m	REF.		
-4	6	1/4	0,52	13,1	5800	40,0	23200	160,0	50	1500	25	4PROV		
-5	8	5/16	0,58	14,7	5000	35,0	20000	140,0	55	1250	30	5PROV		
-6	10	3/8	0,65	16,6	4800	33,0	19200	132,0	65	1250	33	6PROV		
-8	12	1/2	0,80	20,3	4000	27,5	16000	110,0	90	800	46	8PROV		
-10	16	5/8	0,93	23,6	3625	25,0	14500	100,0	100	500	54	10PROV		
-12	19	3/4	1,08	27,4	3100	21,5	12400	86,0	120	375	67	12PROV		
-16	25	1	1,39	35,4	2400	16,5	9600	66,0	150	250	102	16PROV		

RECOMMENDED FOR

High pressure hydraulic application. Easy to route and install in tight areas.

TUBE

NBR (Nitrile) based.

REINFORCEMENT

Braided high-tensile steel wire.

COVER

NBR/PVC based. MSHA approved.

TEMPERATURE RANGE

-40°C to +100°C

For water emulsions, etc. see Temperature Limits Table.

STANDARDS

EN 857 2SC. SAE 100 R16. ISO 11237 2SC R16.

COUPLINGS

EX

IMPORTANT



EX COUPLINGS:

PROV uses new EXVF-1 ferrule on some sizes. This is an important change that you and your customer will need to consider for ordering and inventory.

SIZE	EX FERRULE
-04	4EX1F-1
-05	5EX1F-1
-06	6EXVF-1
-08	8EXVF-1
-10	10EXVF-1
-12	12EX1F-1
-16	16EXVF-1