



DRIVEN BY POSSIBILITY™



PROFLEX™ HYDRAULIC HOSE

HYDRAULIC SOLUTIONS FOR THE FACTORY AND FIELD.

It is time to elevate your operations with Gates hydraulic hose technology - introducing ProFlex Variable Pressure hose. Designed to meet industry standards, ProFlex delivers power for demanding applications with an excellent cost-to-performance ratio.

We have leveraged our extensive knowledge of industries and applications, as well as our expertise in materials science to create a competitive edge for our cost-conscious customers by developing application-specific solutions that offer reliable performance. Whether you are in materials handling, construction, agriculture, mining, or any other heavy-duty industry, ProFlex stands ready.

FEATURES AND BENEFITS

- Compact construction with lower force to bend for faster and more ergonomic installation
- Meets or exceeds the performance requirements of SAE 100R2/EN 857 2SC/EN 853 2SN. Satisfies SAE 100R16, SAE 100R17 excluding 1" (-16 DN25) dimension & performance cycles
- Qualified for 200,000 cycles impulse life with Megacrimp™, PCK, GB (-8, -12 & -16) couplings
- MSHA Flame-resistance certified for fire hazard protection

COMPACT, LIGHTWEIGHT AND **LIMITLESS PERFORMANCE.**

Don't struggle with bulky and rigid hoses, the superior flexibility of ProFlex makes it easier to handle, install, and route, even in the tightest spaces. Faster setups and reduced labor costs mean more efficiency and higher productivity for your team.

Thousands of industrial facilities, global operations, and OE manufacturers worldwide choose Gates hose and hydraulic systems to power their operations. Don't settle for less—choose ProFlex and watch your operations soar to new heights of efficiency and reliability.

PROFLEX SPECIFICATIONS										
HOSE SIZE	HOSE I.D.		HOSE O.D.		WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS	
	mm	in	mm	in	MPa	psi	MPa	psi	mm	in
4	6.3	1/4	13.2	0.52	39.9	5,800	160.0	23,200	48.2	1.9
5	7.9	5/16	14.7	0.57	35.0	5,075	140.0	20,300	55.0	2.2
6	9.5	3/8	16.5	0.65	33.0	4,800	132.0	19,200	63.5	2.5
8	12.7	1/2	20.5	0.81	27.5	4,000	110.3	16,000	88.9	3.5
10	15.8	5/8	23.8	0.94	24.9	3,625	100.0	14,500	99.9	3.9
12	19.0	3/4	27.4	1.08	21.5	3,125	86.2	12,500	119.3	4.7
16	25.4	1	35.0	1.38	16.5	2,400	66.2	9,600	149.8	5.9



PRODUCT SPECIFICATIONS

- **Tube:** Black oil resistant, synthetic rubber tube
- **Reinforcement:** Integrated two wire braided high tensile steel reinforcement
- **Cover:** Black, abrasion-resistant, synthetic rubber cover
- **MSHA flame resistant**
- **Temperature range:** -40° F to +212° F (-40° C to +100° C)

PROFLEX IS 23% LIGHTER* THAN GATES CR2 HOSE

*On average, across size range

PROFLEX CAN ENHANCE YOUR OPERATION IN **NUMEROUS MARKETS & APPLICATIONS:**



DRAIN LINES



MACHINE TOOLS



AGRICULTURE



MANUFACTURING



CONSTRUCTION



MINING



RETURN LINES



STATIONARY MACHINES



CLICK OR SCAN TO EXPLORE MORE PROFLEX

GATES IS YOUR SOURCE FOR HYDRAULIC HOSE + COUPLINGS
ASK YOUR SALES REPRESENTATIVE FOR MORE INFORMATION