



DRIVEN BY POSSIBILITY™

GATES® PRO™ SERIES:

# IA3K HYDRAULIC HOSE

HYDRAULIC SOLUTIONS FOR THE FACTORY AND FIELD.

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

Gates PRO™ Series IA3K, 3,000 psi constant-pressure hydraulic hoses deliver performance and reliability.

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 SAE and ISO 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 SAE 100R17 and ISO 18752 Grade A standards

Constant 3,000 psi working pressure across all sizes to simplify system design

Manufactured to Gates high-quality professional standards



DRIVEN BY POSSIBILITY™

# THE RIGHT PRODUCTS FOR YOUR APPLICATION

GATES® PRO™ SERIES IA3K HYDRAULIC HOSE:

## PROFESSIONAL- GRADE HYDRAULIC HOSE SOLUTIONS

Gates® PRO™ Series IA3K, 3,000 psi constant-pressure hydraulic hoses are qualified for use with the full line of PRO Series 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.



DESCRIPTION	ID (INCH)	WP		BURST		MIN. BEND RADIUS	
		(PSI)	(BAR)	(PSI)	(BAR)	(INCH)	(MM)
4 IA3K	1/4	3,000	210	12,000	840	2.0	50.8
5 IA3K	5/16	3,000	210	12,000	840	2.2	55.9
6 IA3K	3/8	3,000	210	12,000	840	2.5	63.5
8 IA3K	1/2	3,000	210	12,000	840	3.5	88.9
10 IA3K	5/8	3,000	210	12,000	840	4.0	101.6
12 IA3K	3/4	3,000	210	12,000	840	4.8	121.9
16 IA3K	1	3,000	210	12,000	840	6.0	152.4

### PRODUCT SPECIFICATIONS:

- **TUBE:** Black, oil resistant, synthetic rubber tube
- **REINFORCEMENT:** Braided high-tensile steel — one-wire through 5/8 inch; two-wire for larger sizes
- **COVER:** Black, abrasion resistant, synthetic rubber
- **CERTIFIED:** MSHA Flame Resistant
- **TEMPERATURE RANGE:** -40°F to +212°F (-40°C to +100°C).
- **COUPLING RECOMMENDATION** PRO™ Series (-4 through -16)  
Crimp specs available in eCrimp

**GATES IS YOUR SOURCE FOR HYDRAULIC HOSE + COUPLINGS.**

ASK YOUR SALES REPRESENTATIVE FOR MORE INFORMATION.

### INDUSTRIES + APPLICATIONS:

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

**GATES.COM**

35071-2 | April 2020