



Submersible Fuel Line Hose



A Hose That's Fortified, Inside and Out

Ordinary fuel line is designed to handle fuel on the inside only. With in-tank applications, gasoline also comes in constant contact with the outside hose surface, making it vital to utilize a hose that's engineered to be submersible.

Gates Submersible Fuel Line Hose is capable of handling gasoline, alcohol-extended gasoline, ethanols, biodiesel or diesel fuel in fully-immersed, mobile and stationary applications. It contains a special compound called Fluoroelastomer (FKM) which resists gas permeation and aging. It is also reinforced with Aramid Fiber—the same fiber used in bulletproof vests and is pound-for-pound stronger than steel. It is this advanced construction that allows Gates Submersible Fuel Line Hose to exceed the required SAE 30R10 rating.

Gates is the industry leader in innovation, durability and reliability for belts, hose and hydraulics. For 100 years, Gates has been the worldwide choice of Original Equipment Manufacturers and the replacement market.

Install the Original. Install Gates.



Submersible Fuel Line Hose

PRODUCT FEATURES

- Engineered for constant contact with gasoline (and other liquid petroleum distillates) on the inside and the outside.
- Excellent for use on fuel pumps in the gas tank (100 psi working pressure).
- Fluoroelastomer (FKM) tubed cover resists gas permeation and retards aging.
- Aramid Fiber reinforcement—the same fiber used in bulletproof vests and is pound-for-pound stronger than steel.
- Reduce costly in-tank fuel pump replacements and drivability concerns.

SPECIFICATIONS

- Exceeds the SAE 30R10 specification for submersible fuel line hose applications.
- Maximum temperature +302° F (+150° C).
- 100 psi working pressure

I.D. SIZE	Working Pressure	Burst Pressure	Length	Part #
1/4"	100 psi	500 psi	1 foot	27086
			10 foot	27087
			10 meter (32.8')	27089
5/16"	100 psi	500 psi	1 foot	27093
			10 foot	27080
			10 meter (32.8')	27083
3/8"	100 psi	500 psi	1 foot	27097
			10 foot	27081
			10 meter (32.8')	27084



Designed specifically to handle fuels on the inside and outside.



The Gates Submersible Fuel Line Hose exceeds the SAE 30R10 rating, which is the standard for submersible fuel line hose applications, making it the correct hose for these in-tank applications.



Unfortunately, too many in-tank fuel pump repairs improperly use ordinary fuel line hose for the pump-to-valve connection. When an in-tank fuel line hose prematurely fails, the pump fails. A technician could wind up dealing with an expensive fuel pump replacement, when a few inches of Gates Submersible Fuel Line Hose could have avoided a breakdown.

FREQUENTLY ASKED QUESTIONS

Q: How can I tell if the hose I'm using is rated for submersible use?

A: Look on the markings printed along the hose about every 12 inches where it will state "submersible fuel line."

Q: Is the use of submersible hose simply a precaution?

A: No. The SAE 30R10 rating is the standard for all submersible applications. Gates Submersible Fuel Line exceeds that rating.

Q: What can happen if I use a hose that's not designed to handle fuel on the outside?

A: The fuel can cause the hose to swell and prematurely fail, causing the pump to fail as well. This would mean a replacement of not only the hose and pump, but also adds repair costs and down-time.

Q: Can I use this product in any fuel application?

A: No. This product is for use only with standard in-tank applications. It should not be exposed to the elements, such as UV sunlight or salt water conditions.

Contact your local Gates representative for more information or pricing.



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