



October 16, 2023

RE: Flextral LP35 LPG Gas Hose

To Whom it may concern,

Flextral's LP35 LPG gas hose meets all Underwriters Laboratories (UL21) and Canadian (CAN/CSA-8.1-M86 Type I) requirements. LP35 is recommended for the transfer of LPG-Propane or Natural Gas to a maximum working pressure of 350 psi for LPG and 50 psi for natural gas. LP35 may be used for natural gas service only under the following conditions:

- 1)The application must be used in a well-ventilated environment: Outdoors, or indoors with significant continuous air movement.
- 2)LP35 is not to replace fixed/rigid pipe where that material is more appropriate due to reduced permeation and overall strength and durability.

Bridgestone Hosepower recommends that the user of Flextral LP35 LPG gas hose, as with any "critical service" LPG hose and hose assemblies, be fully aware of all industry standards and recommendations pertaining to the proper care and maintenance of the hose and hose assemblies. Awareness of industry standards and recommendations, such as RMA's Hose Handbook IP-2, better ensures the safe storage, use, and practice to maximize the hose and hose assembly life.

If there are any additional questions, please don't hesitate to contact me at 480-266-5881.

Best Regards,

Jeff Intagliata

Director of Engineering Services
Bridgestone Hose Power

Bridgestone HosePower, LLC.

1055 S. 63rd Ave. Phoenix, AZ 85043

Phone: 602-263-8000 / Fax: 602-263-8992 <http://www.hosepower.com>



LP35 LPG Gas Hose

**Application:**

LP gas/propane bulk loading/unloading, input transfer, transport, agriculture, construction, industrial, and commercial and reserved heating. Meets or exceeds the requirements of CAN/CGA-8.1-M86 Type I; UL21.

Construction:

Tube - Black nitrile 1/4" - 1 1/4". Black neoprene 1 1/2" - 3"

Reinforcement - Multiple textile plies for kink resistance, strength and durability

Cover - Black, neoprene perforated

Branding - FLEXTRAL LP35-100 1" UL/CGA TYPE 1 LP-GAS HOSE DO NOT EXCEED 350 PSI WP MADE IN U.S.A.

Temperature:

-40°C to +82°C (-40°F to +180°F)

Part No.	I.D. Inches	O.D. Inches	Max W.P. PSI	Bend Radius Inches	Weight lbs / ft	Standard Lengths
LP35-025	1/4	0.58	350	3.0	0.14	700'
LP35-038	3/8	0.75	350	3.0	0.21	700'
LP35-050	1/2	0.91	350	5.0	0.28	700'
LP35-075	3/4	1.33	350	6.0	0.44	350'
LP35-100	1	1.51	350	8.0	0.60	100'/150'/200'
LP35-125	1 1/4	1.85	350	10.0	0.98	300'
LP35-150	1 1/2	2.25	350	12.0	1.26	60'
LP35-200	2	2.86	350	14.0	1.84	60'
LP35-300	3	3.88	350	24.0	2.58	60'

** Never convey LP gas over 140°F/60°C

*** LP fittings ONLY

LP35 is a lightweight liquefied petroleum gas (LPG)/propane delivery and transfer hose. The hose meets all Underwriters Laboratories (UL21) and Canadian (CSA 8.1 Type I) requirements. The construction incorporates multiple textile plies of reinforcement for flexibility and kink resistance. The perforated cover is resistant to mild chemicals, oil and ozone. LP35 is available in long lengths on reels, long cut lengths and factory-tested assemblies from stock in popular configurations.

LP35 and Natural Gas: The molecules of natural gas are small, enhancing their ability to permeate through standard rubber hose constructions. The permeation process is more rapid as the working pressure increases, and natural gas accumulates with potentially dangerous consequences. LP35 may be used for natural gas service, but ONLY under ALL of the following conditions:

- The application must be in a well-ventilated environment: Outdoors, or indoors with significant continuous air movement.
- LP35 is not to replace fixed/rigid pipe where that material is more appropriate due to reduced permeation and overall strength and durability. Use rigid pipe, non-permeable tubing or hose with barrier constructions to convey natural gas whenever possible.

LP35 and Compressed Natural Gas (CNG): Do not use LP35 for CNG engine applications in on-road vehicles, or for high-pressure CNG dispenser/transfer applications (typically 2,900 PSI or greater). In other applications-- where CNG is regulated to pressures within the rating of LP35--apply the guidelines for natural gas applications stated above. Always review and adhere to all applicable government and industry regulations and standards prior to installing this hose in a CNG or natural gas application.