



LP Gas Hose

Stainless Steel Reinforced – Textile Cover

UL21

Series 7243

Series 7243 is a textile-covered, small diameter, extremely durable liquefied petroleum gas (LPG)/propane transfer hose in applications such as fuel line hose on forklifts and utility equipment. The hose meets all Underwriter Laboratories (UL21) requirements. The construction incorporates high tensile stainless steel braided reinforcement for superior strength, durability and kink resistance. The textile cover is resistant to abrasion, mild chemicals, and ozone. Series 7243 is qualified with Parker crimp couplings and is compatible with Parker Series 20 field reattachable fittings.

NOTE: Refer to the [Safety and Technical section](#) of this catalog for safety, handling and use information.

Series 7243 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. Series 7243 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.
- Series 7243 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.

Series 7243 and Compressed Natural Gas (CNG): Series 7243 is not to be used for any CNG application, including fuel dispensing, on-board vehicle fuel lines, or fuel transfer.

Tube:	Black nitrile
Reinforcement:	One stainless steel braid
Cover:	Black chloroprene-impregnated textile braid
Temp. Range:	-40°F to +180°F (-40°C to +82°C) (The hose construction is capable of this rating, but LP Gas should NEVER be conveyed over 140°F/60°C)
Brand Method:	White ink with white dash/spiral stripe
Brand Example:	Side one: PARKER SERIES 7243 SS CAUTION LP GAS HOSE MH6737 UR® ISSUE NO. XXXX 350 PSI MAX WP (DATE CODE) Side Two: CAUTION FOR LP GAS USE ONLY 1750 PSI MIN BURST
Design Factor:	5:1
Industry Standards:	UL21
Applications:	<ul style="list-style-type: none"> • LP gas/propane • Fork lifts
Vacuum:	Not recommended
Compare to:	Gates Stainless Steel LPG
Packaging:	Reels

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⚠ WARNING! Use only with couplings qualified by Parker. Do not use with male swivel couplings or other couplings containing o-rings, which may dry out, crack and fail over time.

Series 7243 – LP Gas Hose, Stainless Steel Reinforced – Textile Cover (Continued)

Part Number	ID (in)	ID (mm)	Reinf Braids	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
7243-251	1/4	6.4	1	0.581	14.8	0.13	0.06	1.7	43.2	350	24.1	HY	500	N
7243-311	5/16	7.9	1	0.675	17.1	0.18	0.08	2.0	50.8	350	24.1	HY	500	Y
7243-401	13/32	10.3	1	0.766	19.5	0.21	0.10	2.3	58.4	350	24.1	*	500	N
7243-501	1/2	12.7	1	0.922	23.4	0.29	0.13	2.8	71.1	350	24.1	*	500	N

* **Permanent Couplings:** Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.

Reattachable Couplings: Parker Series 20.

** **Stock:** “Y” indicates stocked item; “N” indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

