

**Petroleum - LPG**



## Hose Selector Guide – by application

Series	Trademark	Hose Application / Construction / Selector Guide		Tube	Cover	Size Range (in)	Pressure Range (psi)	Temp Range (°F)	Page No.
7122		Farm, light industrial	Non-UL applications	Nitrile	Chloroprene	3/8	350	-20 / +160	<a href="#">210</a>
7132		Delivery, industrial		Nitrile	Chloroprene	3/16 - 1	350	-40 / +180	<a href="#">195</a>
7132XTC	X-TREME™	Delivery, industrial	Low temperature (-65°F)	Nitrile	Chloroprene	1/4 - 1	350	-65 / +180	<a href="#">198</a>
7170		Gas grills, appliances		Nitrile	Chloroprene	1/4 - 3/8	350	-40 / +180	<a href="#">209</a>
7231		Bulk loading/unloading, short connectors	Extremely durable	Nitrile	Chloroprene	1 - 2	350	-40 / +180	<a href="#">202</a>
7232		Bulk loading/unloading, short connectors		Nitrile	Chloroprene	1-1/4 - 2	350	-40 / +180	<a href="#">200</a>
7233		Fork lifts, utility vehicles		Nitrile	Chloroprene	5/16	350	-40 / +180	<a href="#">206</a>
7243		Fork lifts, utility vehicles		Nitrile	Textile	1/4 - 1/2	350	-40 / +180	<a href="#">207</a>
SS106		Bulk loading/unloading	Non-UL applications	Nitrile	Nitrile	1-1/4 - 4	350	-40 / +180	<a href="#">204</a>

**NOTE:** This is a guide only. It is the responsibility of the end user to select and/or test the most appropriate product for the application. Refer to product pages for specific data. Contact Parker for additional information.

## Hose Selector Guide – by industry standard

Industry Standards	CGA (CAN) 8.1-M86	ISO 2928-1986 (E)	UL21	UL569 / CSA
Hose Series	<a href="#">7132</a> <a href="#">7132XTC</a> <a href="#">7170</a> <a href="#">7231</a> <a href="#">7232</a>	<a href="#">SS106</a>	<a href="#">7132</a> <a href="#">7132XTC</a> <a href="#">7231</a> <a href="#">7232</a> <a href="#">7233</a> <a href="#">7243</a>	<a href="#">7170</a>

**NOTE:** This is a guide only. It is the responsibility of the end user to select and/or test the most appropriate product for the application. Refer to product pages for specific data. Contact Parker for additional information.

Due to continual product improvements, Parker reserves the right to alter specifications without prior notice.



# LP Gas Hose

## UL21, CGA Type I

### Series 7132

Series 7132 is a flexible, lightweight liquefied petroleum gas (LPG)/propane delivery and transfer hose. The hose meets all Underwriters Laboratories (UL21) and Canadian Gas Association (CGA 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. Series 7132 is available in long lengths on reels, long cut lengths and factory-tested assemblies from stock in popular configurations.

**Series 7132 and DOT:** LPG hose assemblies installed on on-road vehicles must meet Department of Transportation (DOT) requirements. Factory assemblies (3/4" and larger) are pressure tested, one of the fittings is etched with a unique DOT certification number, and a document incorporating the identical certification number accompanies each assembly. Metal DOT identification bands are also available/attached for an additional charge at customer request. Contact Parker.

**Series 7132 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 7132 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 7132 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 7132 and Compressed Natural Gas (CNG):** Series 7132 is not for use in any CNG application, including fuel dispensing, on-board vehicle fuel lines, or fuel transfer.

**Series 7132 and Anhydrous Ammonia (NH<sub>3</sub>):** Series 7132 is not for use with anhydrous ammonia.

<b>Tube:</b>	Black nitrile
<b>Reinforcement:</b>	Multiple textile plies
<b>Cover:</b>	Black chloroprene; perforated smooth finish
<b>Temp. Range:</b>	-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)
<b>Brand Method:</b>	Impression
<b>Brand Example:</b>	PARKER SERIES 7132 (ID) CSA® CAN 1-8.1 CGA TYPE I CAUTION - LP GAS HOSE MH6737 C UR® US ISSUE NO. XXXXXX 350 PSI MAX WP MADE IN USA (DATE CODE)
<b>Design Factor:</b>	5:1
<b>Industry Standards:</b>	UL21; CAN/CGA-8.1-M86 Type I; optional DOT factory hose assembly testing and marking also available for sizes smaller than 3/4". Contact Parker.
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• LP gas/propane</li> <li>• Cookers, grills, heaters, weed burners; delivery, transfer</li> <li>• Agriculture, commercial and residential heating, construction, general industrial</li> </ul>
<b>Vacuum:</b>	Not recommended
<b>Compare to:</b>	Boston Blackline (LPG); Gates LP350; Thermoid Type 75
<b>Packaging:</b>	Cartons, coils, reels ("E" suffix in part number indicates UPS-shippable reel under 80 pounds)

(Continued on the following page)

Series 7132 – LP Gas Hose, UL21, CGA Type I (Continued)

Part Number	ID (in)	ID (mm)	Reinf Plies	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 **
7132-19352	3/16	4.8	2	0.510	13.0	0.11	0.05	2.0	50.8	350	24.1	*	800	N
7132-25354	1/4	6.4	4	0.610	15.5	0.15	0.07	2.5	63.5	350	24.1	7661	750	Y
7132-25354E	1/4	6.4	4	0.610	15.5	0.15	0.07	2.5	63.5	350	24.1	7661	350	Y
7132-38354	3/8	9.5	4	0.760	19.1	0.22	0.10	3.5	88.9	350	24.1	HY	600	Y
7132-38354E	3/8	9.5	4	0.760	19.1	0.22	0.10	3.5	88.9	350	24.1	HY	300	Y
7132-50354	1/2	12.7	4	0.937	23.8	0.32	0.15	4.5	114.3	350	24.1	7661	500	Y
7132-75354	3/4	19.1	4	1.250	31.8	0.50	0.23	6.5	165.1	350	24.1	HY	350	Y
7132-75354100	3/4	19.1	4	1.250	31.8	0.50	0.23	6.5	165.1	350	24.1	HY	2 x 100	Y
7132-75354125	3/4	19.1	4	1.250	31.8	0.50	0.23	6.5	165.1	350	24.1	HY	1 x 125	Y
7132-75354150	3/4	19.1	4	1.250	31.8	0.50	0.23	6.5	165.1	350	24.1	HY	1 x 150	Y
7132-75354200	3/4	19.1	4	1.250	31.8	0.50	0.23	6.5	165.1	350	24.1	HY	1 x 200	Y
7132-100354	1	25.4	4	1.500	38.1	0.63	0.29	7.5	190.5	350	24.1	7661	300	Y
7132-100354100	1	25.4	4	1.500	38.1	0.63	0.29	7.5	190.5	350	24.1	7661	100	Y
7132-100354125	1	25.4	4	1.500	38.1	0.63	0.29	7.5	190.5	350	24.1	7661	1 x 125	Y
7132-100354150	1	25.4	4	1.500	38.1	0.63	0.29	7.5	190.5	350	24.1	7661	1 x 150	Y
7132-100354200	1	25.4	4	1.500	38.1	0.63	0.29	7.5	190.5	350	24.1	7661	200	Y

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

**⚠ WARNINGS!**

- ▶ 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.
- ▶ When using this product in a mobile application such as delivery or service vehicles, the inspection procedures detailed in [DOT regulation 49CFR 180.416](#) must be strictly adhered to.

(Factory Assemblies on the following page)



# LP Gas Hose - Factory Assemblies

## UL21 / CGA Type I

### Series 7132

Crimped-on Carbon Steel Couplings, Rigid Male NPT Thread x Rigid Male NPT Thread  
Cartons



Factory assemblies (3/4" and larger) are Department of Transportation (DOT) pressure-tested, one of the fittings is etched with a unique DOT certification number, and a document incorporating the identical certification number accompanies each assembly. Metal DOT identification bands are also available/attached at an additional charge per customer request. Contact Parker.

Part Number	ID (in)	ID (mm)	Length (ft)	Length (mtrs)	Approx Wt (lbs/ea)	Approx Wt (kg/ea)	Std Pack Qty (ea)	Stock Status **
7132TY08MP-72	1/2	12.7	6	1.83	2.53	1.15	1	Y
7132TY08MP-96	1/2	12.7	8	2.44	3.17	1.44	10	Y
7132TY08MP-120	1/2	12.7	10	3.05	3.82	1.73	10	Y
7132TY08MP-144	1/2	12.7	12	3.66	4.46	2.02	10	Y
7132TY08MP-180	1/2	12.7	15	4.57	5.42	2.46	10	Y
7132TY08MP-216	1/2	12.7	18	5.49	6.39	2.90	10	Y
7132TY08MP-240	1/2	12.7	20	6.10	7.03	3.19	10	Y
7132TY08MP-300	1/2	12.7	25	7.62	8.64	3.92	10	Y
7132TY08MP-600	1/2	12.7	50	15.24	16.68	7.57	10	Y
7132TY08MP-1200	1/2	12.7	100	30.48	32.75	14.86	1	Y
7132HY12MP-12	3/4	19.1	1	0.30	1.31	0.59	1	Y
7132HY12MP-36	3/4	19.1	3	0.91	2.34	1.06	8	Y
7132HY12MP-120	3/4	19.1	10	3.05	5.92	2.69	8	Y
7132HY12MP-144	3/4	19.1	12	3.66	6.95	3.15	10	Y
7132HY12MP-180	3/4	19.1	15	4.57	8.48	3.85	10	Y
7132HY12MP-216	3/4	19.1	18	5.49	10.02	4.55	1	Y
7132HY12MP-300	3/4	19.1	25	7.62	13.61	6.17	1	Y
7132HY12MP-1200	3/4	19.1	100	30.48	52.03	23.60	1	N
7132HY12MP-1500	3/4	19.1	125	38.10	64.84	29.41	1	N
7132HY12MP-1800	3/4	19.1	150	45.70	77.65	35.22	1	Y
7132LAR16MP-1200	1	25.4	100	30.48	65.06	29.51	1	Y
7132LAR16MP-1500	1	25.4	125	38.10	80.98	36.73	1	Y
7132LAR16MP-1800	1	25.4	150	45.70	96.90	43.95	1	Y
7132LAR16MP-2100	1	25.4	175	53.34	112.81	51.17	1	N

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



# X-TREME™

## Low Temperature LP Gas Hose

### UL21, CGA Type I

#### Series 7132XTC

Series 7132XTC is a flexible, lightweight, low temperature liquefied petroleum gas (LPG)/propane delivery and transfer hose. The hose meets all Underwriters Laboratories (UL21) and Canadian Gas Association (CGA Type I) requirements. The construction stays flexible to -65°F (-53°C) and incorporates multiple textile plies of reinforcement for flexibility and kink resistance. The perforated cover is resistant to mild chemicals, oil and ozone. Series 7132XTC is available in long lengths on reels, long cut lengths and factory-tested assemblies from stock in popular configurations.

**Series 7132XTC and DOT:** LPG hose assemblies installed on on-road vehicles must meet Department of Transportation (DOT) requirements. Factory assemblies (3/4" and larger) are pressure tested, one of the fittings is etched with a unique DOT certification number, and a document incorporating the identical certification number accompanies each shipment. Metal DOT identification bands are also attached at an additional charge per customer request. Contact Parker.

**Series 7132XTC 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 7132XTC 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 7132XTC 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 7132XTC and Compressed Natural Gas (CNG):** Series 7132XTC is not for use in any CNG application, including fuel dispensing, on-board vehicle fuel lines, or fuel transfer.

**Series 7132XTC and Anhydrous Ammonia (NH<sub>3</sub>):** Series 7132XTC is not for use with anhydrous ammonia.

<b>Tube:</b>	Black nitrile
<b>Reinforcement:</b>	Multiple textile plies
<b>Cover:</b>	Black chloroprene; perforated smooth finish
<b>Temp. Range:</b>	-65°F to +180°F (-53°C to +82°C) (The hose construction is capable of this rating, but LP Gas should NEVER be conveyed over 140°F/60°C)
<b>Brand Method:</b>	Impression
<b>Brand Example:</b>	PARKER SERIES 7132XTC X-TREME CGA TYPE I CAUTION - LP GAS HOSE (-65°F) MH6737 C UR® US ISSUE NO. XXXXX 350 PSI MAX WP MADE IN USA B2 (DATE CODE)
<b>Design Factor:</b>	5:1
<b>Industry Standards:</b>	UL21; CAN/CGA-8.1-M86 Type I; optional DOT factory hose assembly testing and marking also available for sizes smaller than 3/4". Contact Parker.
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• LP gas/propane</li> <li>• Low temperature delivery, transfer</li> <li>• Agriculture, commercial and residential heating, construction, general industrial</li> </ul>
<b>Vacuum:</b>	Not recommended
<b>Compare to:</b>	Thermoid Polarflex
<b>Packaging:</b>	Cartons, coils, reels

(Continued on the following page)

## Series 7132XTC – X-TREME™ Low Temperature LP Gas Hose, UL21, CGA Type I (Continued)

Part Number	ID (in)	ID (mm)	Reinf Plies	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 **
7132XTC-25354	1/4	6.4	4	0.610	15.5	0.14	0.06	2.5	63.5	350	24.1	7661	750	Y
7132XTC-38354	3/8	9.5	4	0.760	19.3	0.21	0.10	3.5	88.9	350	24.1	HY	650	N
7132XTC-50354	1/2	12.7	4	0.937	23.8	0.30	0.14	4.5	114.3	350	24.1	7661	500	N
7132XTC-75354	3/4	19.1	4	1.250	31.8	0.48	0.22	6.5	165.1	350	24.1	HY	350	Y
7132XTC-1000	1	25.4	4	1.500	38.1	0.63	0.29	7.5	190.5	350	24.1	7661	250	Y
7132XTC-1000100	1	25.4	4	1.500	38.1	0.63	0.29	7.5	190.5	350	24.1	7661	1 x 100	Y
7132XTC-1000125	1	25.4	4	1.500	38.1	0.63	0.29	7.5	190.5	350	24.1	7661	1 x 125	Y
7132XTC-1000150	1	25.4	4	1.500	38.1	0.63	0.29	7.5	190.5	350	24.1	7661	1 x 150	Y

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

### ⚠ WARNINGS!

- ▶ 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.
- ▶ When using this product in a mobile application such as delivery or service vehicles, the inspection procedures detailed in [DOT regulation 49CFR 180.416](#) must be strictly adhered to.

## LP Gas Hose – Factory Assemblies UL21 / CGA Type I – Low Temperature Series 7132XTC

Crimped-on Carbon Steel Couplings, Rigid Male NPT Thread x Rigid Male NPT Thread  
Cartons



Factory assemblies (3/4" and larger) are Department of Transportation (DOT) pressure-tested, one of the fittings is etched with a unique DOT certification number, and a document incorporating the identical certification number accompanies each assembly. Metal DOT identification bands are also available/attached at an additional charge per customer request. Contact Parker.

Part Number	ID (in)	ID (mm)	Length (ft)	Length (mtrs)	Approx Wt (lbs/ea)	Approx Wt (kg/ea)	Std Pack Qty (ea)	Stock Status **
7132XTCLAR16MP-1200	1	25.4	100	30.48	61.65	27.96	1	Y
7132XTCLAR16MP-1500	1	25.4	125	38.10	76.71	34.80	1	Y
7132XTCLAR16MP-1800	1	25.4	150	45.70	91.78	41.63	1	Y

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



# LP Gas Hose

## UL21, CGA Type I

### Series 7232

Series 7232 is a large diameter, flexible liquefied petroleum gas (LPG)/propane transfer hose for large volume bulk loading/unloading and vibration-resistant onboard vehicle connections. The hose meets all Underwriters Laboratories (UL21) and Canadian Gas Association (CGA Type I) requirements. The construction incorporates multiple braids of textile reinforcement for kink resistance and superior coupling retention. The perforated cover is resistant to mild chemicals, oil and ozone. Series 7232 is available in long lengths and factory-tested assemblies in popular configurations.

**Series 7232 and DOT:** LPG hose assemblies installed on on-road vehicles must meet Department of Transportation (DOT) requirements. Factory assemblies (all sizes) are pressure tested, one of the fittings is etched with a unique DOT certification number, and a document incorporating the identical certification number accompanies each assembly. Metal DOT identification bands are also available/attached for an additional charge at customer request. Contact Parker.

**Series 7232 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 7232 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 7232 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 7232 and Compressed Natural Gas (CNG):** Series 7232 is not to be used for any CNG application, including fuel dispensing, on-board vehicle fuel lines, or fuel transfer.

**Series 7232 and Anhydrous Ammonia (NH<sub>3</sub>):** Series 7232 is not for use with anhydrous ammonia.

<b>Tube:</b>	Black nitrile
<b>Reinforcement:</b>	Multiple textile braids
<b>Cover:</b>	Black chloroprene; perforated wrapped finish
<b>Temp. Range:</b>	-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)
<b>Brand Method:</b>	<b>Side one:</b> Embossed <b>Side two:</b> Black text on yellow stripe
<b>Brand Example:</b>	<b>Side one (Embossed):</b> PARKER SERIES 7232 CGA TYPE I CAUTION - LP GAS HOSE MH6737 C UFI® US ISSUE NO. XXXX 350 PSI MAX WP MADE IN USA (DATE CODE) <b>Side two (Stripe):</b> PARKER LP GAS HOSE
<b>Design Factor:</b>	5:1
<b>Industry Standards:</b>	UL21; CAN/CGA-8.1-M86 Type I; optional DOT factory hose assembly testing and marking available. Contact Parker.
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• LP gas/propane</li> <li>• Bulk loading/unloading, in-plant tank transfer, transport</li> <li>• Agriculture, commercial and residential heating, construction, general industrial</li> </ul>
<b>Vacuum:</b>	Not recommended
<b>Compare to:</b>	Boston Blackline (LPG); Gates LP350; Thermoid Type 65
<b>Packaging:</b>	Cartons, reels

(Continued on the following page)



## Series 7232 – LP Gas Hose, UL21, CSA Type I (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 **
7232-1252	1-1/4	31.8	2	1.815	46.1	0.85	0.39	12.0	304.8	350	24.1	HY	300	Y
7232-1252100	1-1/4	31.8	2	1.815	46.1	0.85	0.39	12.0	304.8	350	24.1	HY	100	Y
7232-1503K	1-1/2	38.1	2	2.156	54.8	1.12	0.51	14.0	355.6	350	24.1	43	150	Y
7232-2003K	2	50.8	3	2.750	69.9	1.90	0.90	16.0	406.4	350	24.1	7661	150	Y

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

### ⚠ WARNINGS!

- ▶ 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.
- ▶ When using this product in a mobile application such as delivery or service vehicles, the inspection procedures detailed in [DOT regulation 49CFR 180.416](#) must be strictly adhered to.

## LP Gas Hose – Factory Assemblies UL21 / CGA Type I Series 7232



Crimped-on Carbon Steel Couplings, Rigid Male NPT Thread x Rigid Male NPT Thread  
Cartons

Factory assemblies (all sizes) are Department of Transportation (DOT) pressure-tested, one of the fittings is etched with a unique DOT certification number, and a document incorporating the identical certification number accompanies each assembly. Metal DOT identification bands are also available/attached at an additional charge per customer request. Contact Parker.

Part Number	ID (in)	ID (mm)	Length (ft)	Length (mtrs)	Approx Wt (lbs/ea)	Approx Wt (kg/ea)	Std Pack Qty (ea)	Stock Status **
7232HY20MP-180	1-1/4	31.8	15	4.57	14.95	6.78	1	Y
7232LA32NP-144	2	50.8	12	3.66	27.84	12.63	1	Y
7232LA32NP-180	2	50.8	15	4.57	33.15	15.04	1	Y
7232LA32NP-228	2	50.8	19	5.79	40.23	18.25	1	Y

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



# LP Gas Hose Stainless Steel Reinforced UL21, CGA Type I Series 7231

Series 7231 is a large diameter, extremely durable liquefied petroleum gas (LPG)/propane transfer hose for bulk loading/unloading and vibration-resistant onboard vehicle connections. The hose meets all Underwriters Laboratories (UL21) requirements and Canadian Gas Association (CGA Type I) requirements. The construction incorporates high tensile corrosion resistant stainless steel braided reinforcement for superior strength, durability and kink resistance. The perforated cover is resistant to mild chemicals, oil and ozone. Series 7231 is available in long lengths and factory-tested assemblies in popular configurations

**Series 7231 and DOT:** LPG hose assemblies installed on on-road vehicles must meet Department of Transportation (DOT) requirements. Factory assemblies (all sizes) are pressure tested, one of the fittings is etched with a unique DOT certification number, and a document incorporating the identical certification number accompanies each assembly. Metal DOT identification bands are also available/attached for an additional charge at customer request. Contact Parker.

**Series 7231 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 7231 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 7231 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 7231 and Compressed Natural Gas (CNG):** Series 7231 is not to be used for any CNG application, including fuel dispensing, on-board vehicle fuel lines, or fuel transfer.

**Series 7231 and Anhydrous Ammonia (NH<sub>3</sub>):** Series 7231 is not for use with anhydrous ammonia.

<b>Tube:</b>	Black nitrile
<b>Reinforcement:</b>	One or multiple stainless steel braids
<b>Cover:</b>	Black chloroprene; perforated wrapped finish
<b>Temp. Range:</b>	-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)
<b>Brand Method:</b>	Black text on blue stripe
<b>Brand Example:</b>	PARKER SERIES 7231 CGA TYPE I CAUTION - LP GAS HOSE MH6737 C U <sup>®</sup> US ISSUE NO.XXXX 350 PSI MAX WP MADE IN USA (DATE CODE)
<b>Design Factor:</b>	5:1
<b>Industry Standards:</b>	UL21; CAN/CGA-8.1-M86 Type I; optional DOT factory hose assembly testing and marking available. Contact Parker.
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• LP gas/propane</li> <li>• Bulk loading/unloading; in-plant tank transfer</li> <li>• Petrochemical refineries</li> </ul>
<b>Vacuum:</b>	Not recommended
<b>Packaging:</b>	Cartons

(Continued on the following page)

## Series 7231 – LP Gas Hose, Stainless Steel Reinforced (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 **
7231-1001	1	25.4	1	1.500	38.1	0.77	0.35	12.0	304.8	350	24.1	43	200	Y
7231-1251	1-1/4	31.8	1	1.750	44.5	0.97	0.44	16.5	419.1	350	24.1	43	100	Y
7231-1501K	1-1/2	38.1	1	2.000	50.8	1.12	0.51	20.0	508.0	350	24.1	43, 71	150	Y
7231-2002K	2	50.8	2	2.625	66.7	1.87	0.85	25.5	635.0	350	24.1	WC, 43, 71, 7661	150	Y

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

### ⚠ WARNINGS!

- ▶ 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.
- ▶ When using this product in a mobile application such as delivery or service vehicles, the inspection procedures detailed in [DOT regulation 49CFR 180.416](#) must be strictly adhered to.



# LP Gas Hose Static Wire ISO 2928-1986 (E) Series SS106

Series SS106 is a large diameter, heavy duty liquefied petroleum gas (LPG)/propane transfer hose for large volume bulk loading/unloading. The hose construction incorporates multiple plies of textile reinforcement for flexibility and kink resistance, and the perforated cover is resistant to abrasion, oil and ozone. The hose meets ISO 2928-1986 (E) requirements.

**NOTES:** • Not for applications requiring Underwriters Laboratories (UL) or Canadian Gas Association (CGA) performance or listing.

**Series SS106 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 SS106 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 SS106 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 SS106 and Compressed Natural Gas (CNG):** Series SS106 is not to be used for any CNG application, including fuel dispensing, on-board vehicle fuel lines, or fuel transfer.

**Series SS106 and Anhydrous Ammonia (NH<sub>3</sub>):** Series SS106 is not for use with anhydrous ammonia.

<b>Tube:</b>	Black nitrile
<b>Reinforcement:</b>	Multiple textile plies with static wire
<b>Cover:</b>	Black nitrile; perforated wrapped finish
<b>Temp. Range:</b>	-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)
<b>Brand Method:</b>	Embossed
<b>Brand Example:</b>	PARKER SERIES SS106 (ID) LPG HOSE ISO 2928-1986 (E) 20 BAR 350 PSI WP (DATE CODE) MADE IN USA
<b>Design Factor:</b>	5:1
<b>Industry Standards:</b>	ISO 2928-1986 (E)
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• LP gas/propane</li> <li>• Bulk loading/unloading; in-plant tank transfer</li> </ul>
<b>Vacuum:</b>	Not recommended
<b>Packaging:</b>	Coils

(Continued on the following page)

**⚠ 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 SS106 – LP Gas Hose, Static Wire (Continued)

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
SS106-1250	1-1/4	31.8	4	1.990	50.6	0.82	0.37	350	24.1	*	100	N
SS106-1500	1-1/2	38.1	4	2.240	56.9	0.98	0.44	350	24.1	*	100	N
SS106-2000	2	50.8	4	2.740	69.6	1.31	0.59	350	24.1	*	100	Y
SS106-2500	2-1/2	63.5	4	3.240	82.3	1.87	0.85	350	24.1	*	100	N
SS106-3000	3	76.2	4	3.740	95.0	2.53	1.15	350	24.1	*	100	N
SS106-4000	4	101.6	6	5.000	127.0	4.47	2.03	350	24.1	*	100	N

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



# LP Gas Hose Stainless Steel Reinforced – Rubber Cover UL21

## Series 7233

Series 7233 is a rubber covered, small diameter, extremely durable liquefied petroleum gas (LPG)/propane transfer hose for 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 perforated rubber cover is resistant to mild chemicals, oil and ozone. Series 7233 is qualified with Parker crimp couplings and is compatible with Parker Series 20 reattachable fittings.

**Series 7233 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 7233 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 7233 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 7233 and Compressed Natural Gas (CNG):** Series 7233 is not to be used for any CNG application, including fuel dispensing, on-board vehicle fuel lines, or fuel transfer.

<b>Tube:</b>	Black nitrile
<b>Reinforcement:</b>	One stainless steel braid
<b>Cover:</b>	Black chloroprene; perforated wrapped finish
<b>Temp. Range:</b>	-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)
<b>Brand Method:</b>	Embossed
<b>Brand Example:</b>	PARKER SERIES 7233 SS CAUTION LP GAS HOSE UR® ISSUE NO. XXXX 350 PSI MAX WP 1750 PSI MIN BURST (DATE CODE)
<b>Design Factor:</b>	5:1
<b>Industry Standards:</b>	UL21
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• LP gas/propane</li> <li>• Fork lifts, utility equipment</li> </ul>
<b>Vacuum:</b>	Not recommended
<b>Packaging:</b>	Reels

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 **
7233-311	5/16	7.9	1	0.675	17.1	0.19	0.09	4.0	101.6	350	24.1	HY	500	Y

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

**⚠ 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.



# 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.

**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.

<b>Tube:</b>	Black nitrile
<b>Reinforcement:</b>	One stainless steel braid
<b>Cover:</b>	Black chloroprene-impregnated textile braid
<b>Temp. Range:</b>	-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)
<b>Brand Method:</b>	White ink with white dash/spiral stripe
<b>Brand Example:</b>	<b>Side one:</b> PARKER SERIES 7243 SS CAUTION LP GAS HOSE MH6737 UR® ISSUE NO. XXXX 350 PSI MAX WP (DATE CODE) <b>Side Two:</b> CAUTION FOR LP GAS USE ONLY 1750 PSI MIN BURST
<b>Design Factor:</b>	5:1
<b>Industry Standards:</b>	UL21
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• LP gas/propane</li> <li>• Fork lifts</li> </ul>
<b>Vacuum:</b>	Not recommended
<b>Compare to:</b>	Gates Stainless Steel LPG
<b>Packaging:</b>	Reels

(Continued on the following page)

**⚠ 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

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





# LP Gas Hose UL569, CSA

## Series 7170

Series 7170 is a flexible, lightweight hose connector for transfer of liquefied petroleum gas (LPG)/propane in barbecue grills, portable heaters, weed burning apparatus and similar appliances. The hose meets all Underwriters Laboratories (UL569) and Canadian Standards Association (CSA) 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.

**Series 7170 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 7170 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 7170 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 7170 and Compressed Natural Gas (CNG):** Series 7170 is not for used in any CNG application, including fuel dispensing, on-board vehicle fuel lines, or fuel transfer.

<b>Tube:</b>	Black nitrile
<b>Reinforcement:</b>	Multiple textile plies
<b>Cover:</b>	Black chloroprene; perforated smooth finish
<b>Temp. Range:</b>	-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)
<b>Brand Method:</b>	Impression
<b>Brand Example:</b>	PARKER SERIES 7170 (ID) CSA® CAN 1-8.1 - CAUTION - LP GAS HOSE 5 PSI/350 PSI C UR® US MH11955 MADE IN USA (DATE CODE)
<b>Design Factor:</b>	5:1
<b>Industry Standards:</b>	UL569; CAN/CGA-8.1-M86 Type I
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• LP gas/propane</li> <li>• Cookers, grills, heaters, weed burners, small appliances</li> <li>• Consumer, general industrial</li> </ul>
<b>Vacuum:</b>	Not recommended
<b>Compare to:</b>	Thermoid Type 75
<b>Packaging:</b>	Reels

Part Number	ID (in)	ID (mm)	Reinf Plies	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 **
7170-25354	1/4	6.4	4	0.610	15.5	0.16	0.07	2.5	63.5	350	24.1	7661	750	Y
7170-38354	3/8	9.5	4	0.760	19.3	0.22	0.10	3.5	88.9	350	24.1	HY	600	Y

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

**⚠ 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.



# LP Gas Vapor Hose

## Series 7122

Series 7122 is a flexible, lightweight, light duty hose connector for transfer of LP Gas vapor in space heaters for chicken brooders and other light applications. The hose construction incorporates multiple textile plies of reinforcement for flexibility and kink resistance. The perforated cover is resistant to mild chemicals, oil and ozone.

- NOTES:**
- Do not use to transfer liquid LP gas, in gas grill or other applications requiring Underwriters Laboratories (UL) or Canadian Gas Association (CGA) performance or listing.
  - Refer to the [Safety and Technical section](#) of this catalog for safety, handling and use information.

**Series 7122 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 7122 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 7122 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.

<b>Tube:</b>	Black nitrile
<b>Reinforcement:</b>	Multiple textile plies
<b>Cover:</b>	Red chloroprene; perforated smooth finish
<b>Temp. Range:</b>	-20°F to +160°F (-29°C to +71°C) (The hose construction is capable of this rating, but LP Gas should NEVER be conveyed over 140°F/60°C)
<b>Brand Method:</b>	Black ink
<b>Brand Example:</b>	PARKER SERIES 7122 LPG VAPOR HOSE 125 PSI MAX WP MADE IN USA (DATE CODE)
<b>Design Factor:</b>	4:1
<b>Industry Standards:</b>	None applicable
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• LP gas – vapor ONLY</li> <li>• Chicken brooders, space heaters</li> <li>• Agriculture, light industrial</li> </ul>
<b>Vacuum:</b>	Not recommended
<b>Compare to:</b>	Gates LPG Vapor
<b>Packaging:</b>	Reels

Part Number	ID (in)	ID (mm)	Reinf Plies	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 **
7122-38200	3/8	9.5	2	0.656	16.7	0.15	0.07	3.8	96.5	125	8.6	HY	700	Y

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