



# 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.

**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.

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|----------------------------|--|
| <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<br><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 U ® US ISSUE NO. XXXX 350 PSI MAX WP MADE IN USA (DATE CODE)<br><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   |

## Series 7232 – LP Gas Hose, UL21, CSA Type I

| 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) |
|---------------------|---------|---------|--------------|---------|---------|--------------------|-------------------|-------------------|-------------------|------------------|------------------|-----------------|-------------------|
| <b>7232-1252100</b> | 1-1/4   | 31.8    | 2            | 1.815   | 46.1    | 0.85               | 0.39              | 12.0              | 304.8             | 350              | 24.1             | HY              | 100               |
| <b>7232-1503K</b>   | 1-1/2   | 38.1    | 2            | 2.156   | 54.8    | 1.12               | 0.51              | 14.0              | 355.6             | 350              | 24.1             | 43              | 150               |
| <b>7232-2003K</b>   | 2       | 50.8    | 3            | 2.750   | 69.9    | 1.90               | 0.90              | 16.0              | 406.4             | 350              | 24.1             | 7661            | 150               |

### **⚠ 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.