

recommended.

- Do not use LPG hose for fuel hose in vehicles using CNG (Compressed Natural Gas).
- The hose used with Natural Gas should be subjected to the same rigorous tests and inspection as if it were being used with LPG.

Contact Parker for specific hose recommendations.

Welding Hose: Due to the extreme volatility of gases and the rough environment of many welding applications, selection of an appropriate welding hose is critical. The hose must be compatible with the fuel gas used to avoid hose degradation and eventual failure. SPECIFICALLY, USE GRADE R & RM WITH ACETYLENE FUEL GAS ONLY. Grade T can be used with most fuel gases, including propane. Care should be taken to avoid gouging, dragging, abrading or otherwise damaging the hose cover, which may also lead to premature hose failure. Do not attempt to repair or re-couple hose assemblies; replace all assemblies which show signs of age or abuse. (Refer to RMA Publications IP-7, Rubber Welding Hose, specifications for"; IP-11-5, "Welding Hose, Precautions for the Selection and Use of"; Compressed Gas Association publication CGA E-1, "Welding and Cutting Equipment, Standard Connections for Regulator Outlets, Torches, and Fitted Hose"; Parker/Dayco publication 103973, "Welding Hose, Applications".

WARNING ⚠ **Grade R & RM for use with acetylene gas ONLY. Do not use with any other fuel gases. Grade T for use with most fuel gases, including propane. Bleed hoses when not in use for 30 minutes or longer. Couple with one inch ferrules only.**

Steam Hose: The potential danger from steam in industrial hose applications is due to the great heat and pressures involved. Water changes to steam at higher temperatures when under pressure. The greater the pressure the higher the temperature required. If the steam escapes, tremendous quantities of heat are released. This, combined with high pressure, provides the potential danger to operators. **Use only hose specifically recommended for steam service.** (Refer to RMA publication IP-11-1 "Steam Hose, Guide for Maintenance, Testing and Inspection).

WARNING ⚠ **Water changes to hot water and phases of steam when subjected to heat and pressure. The greater the pressure, the higher temperature required to achieve, maintain a steam phase. If the steam escapes, dangerous quantities of heat are released very suddenly. Use only steam hoses designed for the application.**

WARNING ⚠ **Thermoplastic Hose:** Failure to consider how temperature and other conditions affect hose performance could result in death, personal injury or property damage. As temperature increases or decreases, burst pressure, safe working pressure, coupling retention properties, and other safety characteristics of the hose can significantly decrease. The rated maximum working pressures listed in this catalog for thermoplastic hoses are based upon a pressure test temperature of 68°F unless stated otherwise. Deterioration due to wear, impulse, and other environmental conditions should also be considered. The user, through its own analysis and testing, is solely responsible for making the final selection of the hose and assuring that all performance, endurance, maintenance, safety and warning requirements of the application are met.