

READ THIS PAGE BEFORE USING ANY OF THE INFORMATION IN THIS CATALOG

This catalog is a guide in selecting the proper hose for the applications listed herein. It contains many cautions, warnings, guidelines and directions for the safe and proper use of Parker Hose. All of these guidelines should be clearly understood before specifying or using any hoses.

! WARNING – SAFETY NOTE

Failure to follow recommended application information and recommended procedures for selection, installation, care, maintenance and storage of hose, couplings or hose assemblies may result in failure to perform properly and may result in damage to property and serious bodily injury. Make sure that hose selected for any application is recommended for that service. Application information is given with each hose or coupling listing in the Parker catalog. Refer to the Safety and Technical Data section of this catalog for information regarding safety, care, maintenance and storage. Contact Parker or your local Parker Distributor for assistance.

In any application, there may be inherent risk of bodily injury or property damage and the user is responsible for implementation of adequate safety precautions. It is the responsibility of the person supplying the hose to advise the user of proper instructions for the safe use and/or precautions and to warn the user of consequences of failure to heed such instruction. Should a hose assembly fail during use because of excessive pressure, injurious and/or damaging chemicals, elevated temperature materials, explosives or flammable materials, then serious bodily injury or destruction of property could result from impelled couplings, whipping hose, high pressure or high velocity discharge, chemical contact, high temperature materials, explosion or fire.

Coupled Assemblies: In this catalog Parker lists the recommended working pressures and safety factors for each type and size of Parker Industrial Hose. The choice of coupling style and the attachment method must be capable of achieving the rated burst pressure of the hose. If the burst capability of the coupled assembly is less than that of the hose, the recommended working pressure of the assembly must be reduced proportionately to maintain the safety factor recommended for the hose.

For example:

Hose A: Catalog rating = 250 PSI WP, 4:1 Safety

Design Factor = 1000 PSI Minimum burst.

Assembly using Hose A: Capable of 800 PSI burst.

Divide by 4 (safety factor) = 200 PSI WP rating for the assembly.

All design and dimensional data shown in this publication is subject to change without notice. Working pressures, corrosion data and other technical information have been prepared from actual test results and other data considered to be reliable. However, no responsibility can be assumed for the accuracy of this information under varied field conditions and it should be considered as a recommendation only and not a guarantee.

CHEMICAL HOSE

WARNING! A failure of chemical hose in service can result in injury to personnel or damage to property. All chemical hose manufacturers recommend specific hose constructions to handle various chemicals. **THE MANUFACTURER SHALL BE CONSULTED TO DETERMINE THAT PARTICULAR HOSE MAY BE USED TO HANDLE A SPECIFIC CHEMICAL.**

Do not use chemical hose at temperatures or pressures above those recommended by the manufacturer. All operators must be thoroughly trained in the care and use of this hose and must, at all times, wear protective clothing. A hose or system failure could cause the release of a poisonous, corrosive or flammable material.

Detailed information concerning storage, care and maintenance may be found in the Hose Handbook published by the Rubber Manufacturer's Association, 1400 K Street, NW, Washington, DC 20005 and in SAE Recommended Practices J1273.

IMPORTANT

Parker recommends only those applications of products specified in Parker product literature. Parker disclaims any liability for use of its products in applications other than those for which they were designed.



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