



REFINERY MARKET

Industrial Hose Products and Applications



From Aggressive Chemical to Scalding Steam Applications...

Parker Provides a Complete Package of Industrial Hose to Meet Refinery Requirements

Refineries are complex and functionally rigorous operations that greatly value safety, efficiency and uptime. Parker supports all of these initiatives with highly engineered, high quality industrial hose.

All designated Parker Refinery Market hoses are ozone and abrasion resistant to withstand prolonged exposure to the elements, and are qualified with permanent crimp couplings—tested and validated by Parker. *Parker industrial hose assemblies provide a safe and secure connection and a robust service life.*

Typical Hose Applications

■ Chemical suction & pressure/discharge service

- Compatible with virtually all chemicals commonly produced or used in refineries
- Elevated temperature capabilities, for high temperature media such as hot sulfur
- Transfer service between process equipment, tanks and vessels
- Bulk loading and unloading
- Several sizes/inside diameters for optimal volume/flow
- Lightweight; corrugated outer profile for flexibility and easy handling
- Blue or green color-coding for instant identification

■ General purpose air & water service

- Low pressure hose to connect air tools or shop air to a compressor or plant air system
- Low and high pressure water hose for washdown or cleaning
- Several hose colors for instant identification of designated service lines

■ Nitrogen service

- Low pressure hose to supply inert nitrogen gas to purge process equipment
- Blue or yellow color-coding for instant identification

■ Petroleum suction & pressure/discharge service

- Compatible with crude oil and virtually all refined fuels commonly produced or used in refineries
- Selected hoses convey biodiesel to B100 in dedicated service
- Transfer service between process equipment, tanks and vessels
- Bulk loading and unloading
- Several sizes/inside diameters for optimal volume/flow
- Lightweight; corrugated outer profile available for increased flexibility and easy handling
- Black or red color-coding for instant identification

■ Steam service

- Wire reinforced flexible rubber hose to connect to plant steam system
 - *to charge materials moving through process equipment*
 - *to clean process equipment, storage tanks, vessels and railcars*
- Available hose constructions[‡]
 - *standard black EPDM rubber*
 - *premium black chlorobutyl rubber*
 - *red/black barber pole EPDM rubber for instant identification from great distances and any line of sight*
 - *red chloroprene rubber for maximum oil resistance*

[‡] Qualified with specially designed maintenance-free permanent crimp steam hose fittings

■ Hydrocarbon drain service

- Wire reinforced rubber hose to evacuate hot petrochemical residue from piping, process equipment, storage tanks, vessels and railcars
- Distinctive blue/green color-coding for instant identification

Suggested Parker Industrial Hose[†]

Application	Product Series
Chemical Suction & Pressure/Discharge Service	
Bulk loading/unloading, in-plant transfer	7373T, SWC693, SWC693B
Hot sulfur	EW460, SW360
Hot tar & asphalt	SW387, EW499
General Purpose Air & Water Service	
Air tools, compressors, shop air	7031, 7057, 7092 [‡] , 7093, 7096
Nitrogen Service	
Purge lines	7057, 7096
Petroleum Suction & Pressure/Discharge Service	
Bulk loading/unloading, in-plant transfer	7216, 7216E, SWC609, SWC609R
Biodiesel (to B100)	7705
Steam Service	
Charging process equipment, cleaning equipment, storage tanks & railcars	7263, 7263C, 7264, 7264C, 7285, 7286C, 7288
Hydrocarbon Drain Service	
Evacuating hot petrochemical residue	7200

^{*} Also available from stock as factory assemblies in popular configurations

[†] The user is solely responsible for making final selection of any products used. For more specific information, contact your Parker Industrial Hose distributor, or visit safehose.com.



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