

563 – General Hydraulic Hose



Features

- Polyurethane cover for best abrasion resistance

Certifications

- Meets or Exceeds SAE 100R17
- MSHA Accepted

Applications/Markets



- Industrial medium pressure hydraulic hose for use with petroleum, water base and synthetic hydraulic fluids, gases and some solvents and chemical solutions

Part Number	Nominal I.D.		Maximum O.D.		Maximum Working Pressure		Minimum Bend Radius		Vac. Rating Hg./73°F	Weight		Permanent Fitting Series
	inch	mm	inch	mm	psi	MPa	inch	mm		lbs./ft.	kg./mtr.	
#												
563-4	1/4	6	.49	12	3,000	20.7	2.00	51	28	.12	.18	55/HY*
563-6	3/8	10	.65	17	3,000	20.7	2.50	64	28	.19	.28	55/HY*
563-8	1/2	13	.78	20	3,000	20.7	3.50	89	28	.29	.42	55/HY*

Construction

Tube: Copolyester

Reinforcement: High tensile steel wire braid

Cover: Polyurethane

Operating Parameters

Temperature Range:

-40°F to +250°F [212°F for size -8]

(-40°C to +121°C) [100°C for size -8]

(Limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids)

Change in working length @ Rated WPSI: ±2%

Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

55 Series – pg. E-12

HY Series – pg. E-87 (*HY Fittings available from Parker Hose Products Division)

For Crimp Die Selection charts see pgs. G-30 : G-41

Crimp information can be found online, for most Parker products, at www.parker.com/crimpsource

Colors

- Black

Notes

Non-perforated cover

For detailed ordering information, please consult price list or contact Parflex® Division.

Parker Hannifin Corporation | Parflex® Division | Ravenna, Ohio | parker.com/pfd

www.comoso.com

