

## 560 - General Hydraulic Hose Meets or Exceeds SAE 100R1 1750 to 3500 PSI



Part Number	I. D.		Max. O. D.		Max. Working Pressure		Min. Bend Radius		Weight		Crimp Fitting		80C Crimp Die
	#												
hose	inch	mm	inch	mm	wpsi	MPa	inch	mm	lbs/ft	kg/m	series	pg	crimp die
560-3	3/16	5	0.42	11	3500	24.13	3/4	19	.071	.106	55	53-77	P03
560-4	1/4	6	0.51	13	3250	22.41	1-3/4	44	.098	.146	55	53-77	P04
560-5	5/16	8	0.57	14	3000	20.68	2	51	.124	.185	55	53-77	P05
560-6	3/8	10	0.64	16	2750	18.96	2-1/4	57	.150	.224	55	53-77	P06
560-8	1/2	13	0.80	20	2500	17.24	3-1/4	83	.202	.301	55	53-77	P08J
560-10	5/8	16	0.93	24	2000	13.79	6	152	.298	.444	55	53-77	P10
560-12	3/4	19	1.12	28	1750	12.07	7	178	.406	.605	58	78-102	P12H

Min. Burst Pressure is 4x Max. Working Pressure

**Tube:** Polyester  
**Reinforcement:** Wire braid  
**Cover:** Urethane  
**Cover Color:** Black non perforated  
**Temperature Range:** -40°F to +250°F\*  
 -40°C to +121°C\*

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

**Vacuum Rating:** 28 inch Hg

**(Delta) Working Length @ Rated WPSI:** ±2% Max

**Applications/Markets:**

Hydraulic circuits and systems wherever 100R1 hose is specified. Most synthetic hydraulic fluids, water and wide range of chemicals, industrial equipment, machine tools

**Special Features:**

Twin or multi-line available. Lighter and smaller than 100R1 with longer lengths  
 Fast response hose

## 563 - General Hydraulic Hose 3000 PSI Constant Pressure



Part Number	I. D.		Max. O. D.		Max. Working Pressure		Min. Bend Radius		Weight		Crimp Fitting		80C Crimp Die
	#												
hose	inch	mm	inch	mm	wpsi	MPa	inch	mm	lbs/ft	kg/m	series	pg	crimp die
563-4	1/4	6	0.49	12	3000	20.68	2	50.8	0.121	0.179	HY*	112-128	P04J
563-6	3/8	10	0.65	17	3000	20.68	2-1/2	63.5	0.19	0.281	HY*	112-128	P0705
563-8	1/2	13	0.78	20	3000	20.68	3-1/2	88.9	0.29	0.429	HY*	112-128	P0845

Min. Burst Pressure is 4x Max. Working Pressure

**Tube:** Polyester  
**Reinforcement:** High Tensile Steel Wire Braid  
**Cover:** Urethane  
**Cover Color:** Black  
**Temperature Range:** -40°F to +250°F (212F for size -8)  
 -40°C to +121°C (100C for size -8)

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

**Vacuum Rating:** 28 inch Hg

**(Delta) Working Length @ Rated WPSI:** ±2%

**Applications/Markets:**

Industrial medium pressure hydraulic applications where a maximum 3000 PSI wp is required

**Special Features:**

Covers all SAE 100R1 and many SAE 100R2 pressure requirements

\*Series HY fittings available from Parker Hose Products Division

Note: The above hose(s) are not intended for use in static discharge applications; i.e., airless paint spray.