

Parker PAGE 944B/955B

High Pressure PTFE Hose
(up to 5,500 psi)



Hydraulic systems seem to get more and more demanding each day. Operating temperatures are on the rise. Synthetic hydraulic fluids are more in demand and space is becoming more limited. Requirements are for hose assemblies designed to endure all of these conditions, yet handle high working pressures while maintaining peak flow rates. PARKER PAGE 944B/955B High PSI hose assemblies answer the challenge, delivering quality performance under these demanding circumstances.

PARKER PAGE 944B/955B High PSI assemblies have a heavy wall of PTFE that has excellent compatibility with a variety of media. The PTFE tube has a static dissipating liner that provides a path of continuity to the end fittings for applications where flow induced electrostatic charges could occur and potentially damage the hose assembly. The resilient PTFE tube is reinforced with braided SS 304 wire. Braiding, as opposed to spiraling, allows for better flexibility and a tighter bend radius in the finished hose while maintaining high continuous working pressures. The stainless steel wire braid also minimizes volumetric expansion in hydraulic service.



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Product Features:

- Up to 5,500 psi for non-impulse applications
- Static dissipating liner
- Excellent compatibility with a variety of media
- Chemically inert
- Up to 6 layers of reinforcement
- Better flexibility than spiral hose
- Tighter bend radius than spiral hose



ENGINEERING YOUR SUCCESS.

944B – up to 4,500 PSI W.P. High Temp Hose



Features

- High temperature hydraulic hose
- Excellent chemical compatibility
- Resists moisture
- Low friction minimizes pressure drops and deposits

Applications/Markets



- General hydraulics
- Chemical transfer
- Compressed air/gases
- Paint stripping

Both products available in assemblies with carbon or stainless steel female JIC fittings

Part Number	Nominal I.D.		Maximum O.D.		Maximum Working Pressure 73°F/ 23°C		Minimum Bend Radius		Vac. Rating Hg./73°F	Weight	
	inch	mm	inch	mm	psi	MPa	inch	mm		inch	lbs./ft.
#											
944B-4	15/64	6	.39	10	4,500	31.0	1.50	38	28	.11	.16
944B-6	5/16	8	.49	12	4,500	31.0	2.50	64	28	.17	.24
944B-8	7/16	11	.62	16	4,500	31.0	2.88	73	28	.25	.35
944B-10	1/2	13	.73	19	4,000	27.5	3.25	83	28	.31	.45
944B-12	5/8	16	.99	25	4,000	27.5	4.00	102	28	.74	1.05
944B-16	29/32	23	1.25	32	4,000	27.5	5.00	127	28	1.09	1.55

955B – 5,500 PSI W.P. High Temp Hose



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Applications/Markets



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- Compressed air/gases

Part Number	Nominal I.D.		Maximum O.D.		Maximum Working Pressure 73°F/ 23°C		Minimum Bend Radius		Vac. Rating Hg./73°F	Weight	
	inch	mm	inch	mm	psi	MPa	inch	mm		inch	lbs./ft.
#											
955B-4	15/64	6	.50	13	5,500	37.9	3.00	76	28	.23	.34
955B-6	5/16	8	.62	16	5,500	37.9	5.00	127	28	.24	.35
955B-8	7/16	11	.75	19	5,500	37.9	5.75	146	28	.46	.68
955B-10	1/2	13	.91	23	5,500	37.9	6.50	165	28	.91	1.34
955B-12	5/8	16	1.08	27	5,500	37.9	7.75	197	28	.92	1.36
955B-16	29/32	23	1.36	34	5,500	37.9	9.63	245	14	1.20	1.77

Construction

Tube: Black static-dissipative PTFE

Reinforcement:

Multiple high density braids of 304 Stainless Steel

Operating Parameters

Temperature Range:

-65°F to +400°F (-54°C to +204°C)

Change in length at working pressure is +2% to -2%

Burst Pressure

3x Max. Working Pressure at 73°F (23°C)

Reduce working for impulse applications to:

944B = 3000 psi wp

955B = 4000 psi wp

Fittings

944 Factory-made assemblies only
94 Series

955 Factory-made assemblies only
95 Series

Notes

Factory-made assemblies only

Not suggested for steam-cold water cycling applications

Proof pressure @ 50% of minimum burst pressure

