

Thermoplastic Hose Selection psi

Reinforcement Type		PSI Thermoplastic Hose Working Pressures											
		3/32	1/8	3/16	1/4	5/16	3/8	1/2	5/8	3/4	1	1 1/4	1 1/2
		Dash Size		-1.5	-2	-3	-4	-5	-6	-8	-10	-12	-16
Hose	Description	psi	psi	psi	psi	psi	psi	psi	psi	psi	psi	psi	psi
Wire	CNGRP	Regulated Pressure CNG								500			
	D6R/D6RX	Hybrid® - Constant Pressure Hydraulic				3000	3000	3000	3000	3000	3000	3000	
	H6	Constant Pressure Hydraulic				3000	3000	3000	3000	3000			
	HFSR	Hybrid® - General Hydraulic				3263	3118	2611	2500		1523	1276	
	HFS2R	Hybrid® - General Hydraulic				5000		4000	3500	2750	2250	2000	
	R6	Constant Pressure Hydraulic				3000		3000	3000	3000	3000	3000	
	M8	Hybrid® - High Pressure Hydraulic						4000	4000	4000			
	HTB	Hybrid® - Compact High Pressure				7000		5500	5000	4000	4000	3500	
	HJK	Hybrid® - Jackline				10000							
	560TJ	General Hydraulic TOUGHJACKET™			3625	3250	3000	2750	2500	2000	1750		
	563TJ	Constant Pressure TOUGHJACKET™				3045		3045	3045				
	590TJ	General Hydraulic TOUGHJACKET™				5000		4000	3500		2500	2000	
	594TJ	Constant Pressure TOUGHJACKET™				4061		4061	4061	4061			
	Fiber	510A	Industrial Refrigerant		2500	3000	2750	2500	2250	2000		1250	1000
510C		General Hydraulic		2500	3250	3000	2500	2250	2250		1250	1000	
518C		Non-conductive Hydraulic		2500**	3250**	3000**	2500**	2250**	2250**		1250**	1000**	
518D		Non-conductive Hydraulic		3000**	3250**	3000**	2500**	2250**	2250**		1250**		
515H		Compact/Lightweight Hydraulic			2175	2000	1750	1500	1500				
520N / 528N		General Hydraulic / Non-conductive Hydraulic			5000	5000	4500	4000	3500	2750			
526BA		Breathing Air Refill			6000	6000		6000					
527BA		Breathing Air Refill			7000	7000							
53DM / 538DM		Low Temperature Hydraulic				3000		3000	3000	3000	3000		
540N		General Hydraulic		3000	3000	2750	2500	2250	2000		1250		
540P		Specialty Water				2750		2250	2000		1250		
55LT		Low Temperature Hydraulic		3000	3250	3000	2500	2250	2000				
56DH / 568DH		Diagnostic	6000	6000									
575X/575XN		Fast Response Hydraulic			5000	5000		5000	5000		5000	5000	
580N / 588N		General Hydraulic / Non-conductive Hydraulic							3500	2750	2250	2000	
H580N		General Hydraulic										3000	
1035HT		Power Cleaning				1750		1500					
83FR		General Purpose Air/Water				300		300	300		300		
B9		General Purpose Transfer			250	250	250	250	250	250			
5CNG		Compressed Natural Gas				5000		5000	5000		5000	5000	
Tooling, Equipment & Accessories	HLB	Lubrication		3000	3000								
	MSH	Marine Steering					1000	1000					
	MSXL	H.P. Marine Steering					1500						
	PTH	Power Tilt			3000								
	S5N	Sewer Cleaning - Lateral Cleaning							4000				
	S6	Sewer Cleaning								2500	2500		
	S9	Sewer Cleaning								3000	3000		
	SLH	Sewer Cleaning Leader Hose							4000		3000	3000	
	Duraflex - 548N	Hydraulic Hose Coil, Non-Conductive						2250					

*View Government & Agency Specifications for exceptions, pg. G-61

**View actual hose chart for ANSI pressure ratings

- Legend** F - Fiber H - Copolyester EPDM - EPDM Rubber UTJ - TOUGHJACKET™
 N - Nylon O - Polyethylene S - Silicone X - TPV
 R - Smooth Synthetic Rubber PFX - Proprietary Blend (PFX) U - Polyurethane



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

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

Construction/Specifications

Hose
A

Tubing
B

Coiled Air Hose & Fittings
C

Transportation
D

Fittings
E

Tooling, Equipment & Accessories
F

General Technical
G

PSI Thermoplastic Construction and Specifications

Core Tube	Reinforcement Material	Cover Material	SAE Specification	Additional Specifications	Page #	Description		Reinforcement Type
						Description	Hose	
N	Wire	X	-	ANSI CSA NGV 3.1; NFPA 52; CSA 12.3, Class C	A-53	Regulated Pressure CNG	CNGRP	Wire
H	Wire	R	100R17	MSHA/ ISO 11237 Type R17	A-22	Hybrid® - Constant Pressure Hydraulic	D6R/D6RX	
H	Wire	H	100R17		A-25	Constant Pressure Hydraulic	H6	
H	Wire	R	100R1AT		A-23	Hybrid® - General Hydraulic	HFSR	
H	Wire	R	-	MSHA	A-24	Hybrid® - General Hydraulic	HFS2R	
H	Wire	F	100R17		A-26	Constant Pressure Hydraulic	R6	
H	Wire	R	100R19	MSHA	A-28	Hybrid® - High Pressure Hydraulic	M8	
H	Wire	R	-	MSHA	A-27	Hybrid® - Compact High Pressure	HTB	
H	Wire	R	-	IJ-100 / MSHA	A-29	Hybrid® - Jackline	HJK	
H	Wire	UTJ	100R1AT	MSHA, DNV	A-30	General Hydraulic TOUGHJACKET™	560TJ	
H	Wire	UTJ	100R17	MSHA	A-31	Constant Pressure TOUGHJACKET™	563TJ	
H	Wire	UTJ	100R2	MSHA, DNV	A-32	General Hydraulic TOUGHJACKET™	590TJ	
H	Wire	UTJ	100R19	MSHA	A-33	Constant Pressure TOUGHJACKET™	594TJ	
PEX	Fiber	U	100R7	MSHA*	A-34	Industrial Refrigerant	510A	
H	Fiber	PFX	100R7*	MSHA*, DNV	A-35	General Hydraulic	510C	
H	Fiber	PFX	100R7*	ANSI A92.2, DNV	A-36	Non-conductive Hydraulic	518C	
N	Fiber	PFX	100R7	ANSI A92.2, DNV	A-37	Non-conductive Hydraulic	518D	
H	Fiber	U	-	MSHA	A-38	Compact/Lightweight Hydraulic	515H	
N	Fiber	U	100R8	MSHA*, DNV	A-39	General Hydraulic / Non-conductive Hydraulic	520N / 528N	
N	Fiber	U	-	CGA / NFPA 1901	A-40	Breathing Air Refill	526BA	
N	Fiber	U	-	CGA / NFPA 1901	A-41	Breathing Air Refill	527BA	
H	Fiber	H	100R18		A-42	Low Temperature Hydraulic	53DM / 538DM	
N	Fiber	U	100R7	MSHA, DNV	A-43	General Hydraulic	540N	
O	Fiber	U	100R7	FDA	A-44	Specialty Water	540P	
H	Fiber	H	100R7		A-45	Low Temperature Hydraulic	55LT	
N	Fiber	U	-	MSHA*	A-46	Diagnostic	56DH / 568DH	
N	Fiber	U	-	MSHA*, DNV	A-47	Fast Response Hydraulic	575X/575XN	
N	Fiber	U	100R8	MSHA, DNV	A-48	General Hydraulic / Non-conductive	580N / 588N	
N	Fiber	U	100R8	DNV	A-48	General Hydraulic	H580N	
N	Fiber	U	-		A-50	Power Cleaning	1035HT	
U	Fiber	U	UL94HB	MSHA	A-49	General Purpose Air/Water	83FR	
U	Fiber	U	-		A-51	General Purpose Transfer	B9	
N	Fiber	U	-	ANSI CSA NGV 4.2; ECE R110*; NFPA 52; CSA 12.52 Class A, Class D	A-52	Compressed Natural Gas	5CNG	
H	Fiber	U	-	MSHA	A-54	Lubrication	HLB	
N	Fiber	U	-		A-55	Marine Steering	MSH	
N	Fiber	U	-		A-56	H.P. Marine Steering	MSXL	
N	Fiber / SS Wire	U	-		A-57	Power Tilt	PTH	
N	Fiber	U	-	Wastec / NSWMN / WEMI	A-58	Sewer Cleaning - Lateral Cleaning	SSN	
H	Fiber	U	-	Wastec / NSWMN / WEMI	A-59	Sewer Cleaning	S6	
H	Fiber	U	-	Wastec / NSWMN / WEMI	A-60	Sewer Cleaning	S9	
H	Wire	R	-	Wastec / NSWMN / WEMI	A-61	Sewer Cleaning Leader Hose	SLH	
N	Fiber	U	100R7		A-62	Hydraulic Hose Coil, Non-Conductive	Duraflex - 548N	

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

