

CAT 4660

Parflex Thermoplastic & Fluoropolymer
Products Hose, Tubing, & Fittings Catalog 2020
Updated June 10, 2024



ENGINEERING YOUR SUCCESS.



Hose Index

Fluoropolymer

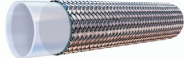

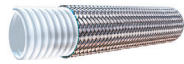

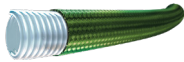
900 Series Fluoroplastic Hose

Part No.	Description	Pg.
 919 919B	PTFE Natural Core/ Static Dissipative Core	A-69
 919J 919BJ	Silicone Jacketed PTFE Static Dissipative Core	A-70
 919U	Silicone Jacketed PTFE Natural Core	A-71
 929 929B	Heavy Wall PTFE Natural / Static Dissipative Core	A-72
 929BJ	Silicone Covered Heavy Wall PTFE Static Dissipative Core	A-73
 939 939B	Convolute PTFE Natural/ Static Dissipative Core	A-74
 944B	High Pressure PTFE Static Dissipative, up to 4,500 psi	A-75
 955B	High Pressure PTFE Static Dissipative Core, 5,000 psi	A-76

Other Hoses

Part No.	Description	Pg.
 METAL	Metal Hose	A-83
 MLT	Multitube Hose	A-84

PAGE Fluoroplastic Hose

Part No.	Description	Pg.
 STW STB	PTFE Natural / Static Dissipative Core	A-77
 SCW SCB	Convolute PTFE Natural/ Static Dissipative Core	A-78
 SCWV SCBV	Heavy Wall Convolute PTFE Natural /Static Dissipative Core <small>Obsolete</small>	A-79
 PCW PCB	Polypropylene Braid Convolute PTFE Natural /Static Dissipative Core <small>Obsolete</small>	A-80
 NCW NCB	Nomex Braid Convolute PTFE Natural /Static Dissipative Core	A-81

Static Dissipative Fluoroplastic Hose

Part No.	Description	Pg.
 919B STB	PTFE Static Dissipative	A-69 A-77
 919BJ	Silicone Jacketed PTFE Static Dissipative	A-70
 929B	Heavy Wall PTFE Static Dissipative	A-72
 929BJ	Silicone Covered Heavy Wall PTFE Static Dissipative	A-73
 939B SCB	Convolute PTFE Static Dissipative	A-74 A-78
 944B	High Pressure PTFE Static Dissipative, up to 4,500 psi	A-75
 955B	5000 psi High Pressure PTFE Static Dissipative	A-76
 NCB	Nomex Braid Convolute PTFE Static Dissipative	A-81
 PCB	Polypropylene Braid Convolute PTFE Static Dissipative <small>Obsolete</small>	A-80
 SCBV	Heavy Wall Convolute PTFE Static Dissipative <small>Obsolete</small>	A-79

Agency Specifications

Agency Specifications	Hose Series
Flame Resistance	
MSHA	D6R, HFS2R, HLB, HLBD, HTBR, 510D, 560TJ, 563TJ, 590TJ, 594TJ, 520N, 540N, 56DH-2, 575X, 580N, 83FR
UL94HB	83FR
Food Contact	
FDA, CFR21 Part 177	540P, 919, 919J, 919U, 929, 939, STW, SCW
Natural Gas Service: For Vehicles and Dispensing Systems	
ANSI CSA NGV 4.2; NFPA 52; CSA 12.52 Class A, Class D, Class B**	5CNG; **5CNG-8
ANSI CSA NGV 3.1; NFPA 52; CSA 12.3, Class C	CNGRP
ECE-R110	5CNG factory built assemblies, 8LPG
ECE-R67	8LPG
Hydraulic Service:	
ISO 3949	510D, 518D, HLBD
SAE 100R1AT	560TJ
SAE 100R7	540N, 540P, 510D, 518C, 518D, 55LT, 510C (less-2)
SAE 100R8	520N, 528N, 580N, 588N
SAE 100R14A	919, 919J, 919U, 929
SAE 100R14B	919B, 919BJ, 929B, 929BJ
SAE 100R17	D6R, 563TJ, 563LT
SAE 100R18	53DM, 538DM
SAE 100R19	594TJ
Electrical, Non-Conductivity:	
SAE J517	518C, 518D, 528N, 578X, 588N, 538DM
DNV (with approved fittings only)	
Det Norski (Norwegian) Veritas Marine Steel Ships, Mobile Offshore & Fixed Offshore Drilling Units	510C, 510D, 518C, 518D, 520N, 528N, 540N, 575X, 575XN, 580N, 588N
Breathing Air Applications:	
CGA (Compressed Gas Association)- G7.1-1 Grade E Breathing Air	527BA
NFPA 1901	527BA
United States Pharmacopeia	
USP Class VI	SCW, STW, NCW

Hose
A

Tubing
Thermoplastic
B

Coiled Air Hose
& Fittings
C

Transportation
D

Fittings
E

Tooling, Equipment
& Accessories
F

General Technical
G

PTFE Hose Chemical Resistance

Summary

Within normal use, temperatures, fluoropolymers are attacked by so few chemicals that it is easier to describe the exceptions rather than list the chemicals they are compatible with.

DO NOT USE FLUOROPLASTICS WITH THE FOLLOWING:

- Alkali metals such as elemental sodium, potassium, lithium, etc. The alkali metals remove fluorine from the polymer molecule.
- Extremely potent oxidizers, fluorine (F₂) and related compounds (e.g., chlorine trifluoride, ClF₃). These can be handled by fluoropolymers, but only with great care, as fluorine is absorbed into the resins, and the mixture becomes sensitive to a source of ignition such as impact.

WARNING

FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS AND/OR SYSTEMS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.

This document and other information from Parker Hannifin Corporation, its subsidiaries and authorized distributors provide product and/or system options for further investigation by users having technical expertise. It is important that you analyze all aspects of your application and review the information concerning the product or system in the current product catalog. Due to the variety of operating conditions and applications for these products or systems, the user, through its own analysis and testing, is solely responsible for making the final selection of the products and systems and assuring that all performance, safety and warning requirements of the application are met.

The products described herein, including without limitation, product features, specifications, designs, availability and pricing, are subject to change by Parker Hannifin Corporation and its subsidiaries at any time without notice.

Hose Construction

Hose Core, Reinforcement, Cover

Thermoplastic Hose Construction

Core

Contains Media
Materials: Nylon, Polyethylene, Polyurethane, Copolyester

Reinforcement

Provides Resistance to Internal Pressure
Materials: Fiber (Nylon, Polyester, Aramid), Steel, Stainless Steel

Cover

Protects Reinforcement
Advantages: Aesthetics, Color and Marking
Materials: Polyurethane, Nylon, Synthetic Rubber, Copolyester, and TPV



TOUGHJACKET™ Covers

Manufactured from Parflex
TOUGHJACKET™ Polyurethane and designed to withstand the strains of demanding use.

Look for the TJ - Currently found on 560TJ, 563TJ, 590TJ and 594TJ



Fluoropolymer Hose Construction

Core

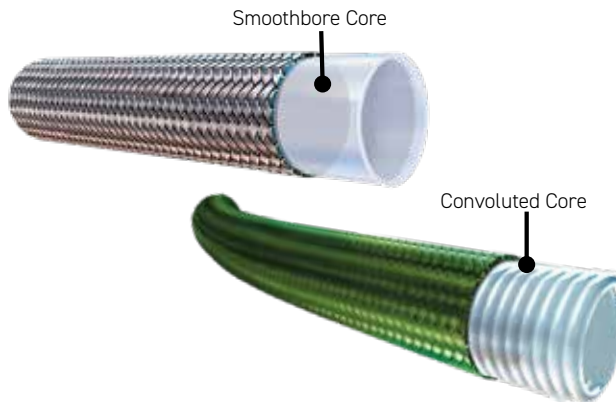
Contains Media
Materials: PTFE
Style: Smoothbore or Convoluted

Reinforcement

Provides Resistance to Internal Pressure
Materials: Stainless Steel, Polypropylene and Nomex®

Cover or Protective Sleeve

Protects Reinforcement
Materials: Silicone, Polyolefin, Polyurethane



Construction/Specifications

Thermoplastic Hose, psi

A Hose

B Tubing Thermoplastic

C Coiled Air Hose & Fittings

D Transportation

E Fittings

F Tooling, Equipment, & Accessories

G General Technical

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	
	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		
Wire	CNGRP*	Regulated Pressure CNG								500	500		
	D6R	Hybrid® SAE 100R17 Hydraulic Hose				3045	3045	3045	3045				
	H6	Low Temperature SAE 100R17 <small>Obsolete see 53DM/563LT</small>				3045	3045	3045	3045	3045	3045		
	HFSR	SAE 100R1AT Hydraulic Hose <small>Obsolete see 560TJ/563TJ</small>				3263	3118	2611	2500		1523	1276	
	HFS2R	Hybrid® Hydraulic Hose				5076		4061	3553				
	R6	Abrasion King, SAE 100R17 <small>Obsolete see 563TJ/563LT</small>				3000		3000	3000	3000	3000		
	HTBR	Eliminator® Hybrid® Hydraulic Hose						5500	5000	4000	4000	3500	
	560TJ	SAE 100R1AT TOUGHJACKET™			3626	3263	3118	2750	2500	2000	1750		
	563TJ	SAE 100R17 TOUGHJACKET™				3045		3045	3045	3045	3045	3045	
	563LT	Constant Pressure Low Temperature						3045	3045	3045			
	590TJ	General Hydraulic TOUGHJACKET™				5076		4061	3553		2500	2030	
	594TJ	SAE 100R19 TOUGHJACKET™				4061		4061	4061	4061	4061		
	Fiber	510C	SAE 100R7 Hydraulic Hose <small>Obsolete see 510D/518D</small>		2500	3250	3000	2500	2250	2250		1250	1000
		510D	SAE 100R7 Hydraulic Hose			3250	3000	2500	2250	2250	2250	1250	1000
		518C	SAE 100R7 Non-conductive Hose <small>Obsolete see 510D/518D</small>		2500**	3250**	3000**	2500**	2250**	2250**		1250**	1000**
518D		SAE 100R7 Non-conductive Hose		3000**	3250**	3000**	2500**	2250**	2250**	2250**	1250**	1000**	
520N / 528N		SAE 100R8 Hydraulic Hose			5000	5000	4500	4000	3500				
527BA		Breathing Air Refill Hose			7000	7000							
53DM		SAE 100R18 Low Temperature Hydraulic Hose		3045		3045		3045	3045	3045	3045		
538DM		SAE 100R18 Low Temperature Hydraulic Hose Non-Conductive						3045					
540N		SAE 100R7 - Hydraulic Hose <small>Obsolete see 510D/518D</small>		3000	3000	2750	2500	2250	2000		1250		
540P		SAE 100R7 Specialty Water Hose				2750		2250	2000				
55LT		SAE 100R7 Low Temperature Hydraulic Hose			3250	3000	2500	2250	2000				
56DH		Diagnostic Hose	6000	6000									
575X / 575XN		Fast Response Hydraulic Hose			5000	5000		5000	5000		5000	5000	
578X		Fast Response Hydraulic Hose				5000		5000			5000		
580N / 588N		SAE 100R8 High Pressure Hydraulic 588N - Non-conductive							3500	2750	2250	2000	
1035HT	High Temperature Power Cleaning				1750								
83FR	DuraGard™ General Purpose Polyurethane				300		300	300		300			
B9	General Purpose Transfer Hose			250	250	250	250	250	250				
5CNG	Compressed Natural Gas Hose				5000		5000	5000		5000	5000		
8LPG	Propane & Natural Gas Hose			435	435	435	435						
HLB/HLBD	SAE 100R7 Hydraulic & Lubrication Hose		3000	3000									
MSH	Marine Steering Hose					1000	1000						
MSXL	Fast Response Marine Steering Hose					1500							
PTH	Marine Power Tilt Hose			3000									
S5N	Sewer Cleaning - Lateral Cleaning							4000					
S6	Sewer Cleaning									2500	2500		
S9	Sewer Cleaning									3000	3000		

* Sizing for -10 is 1/2"; for -12 is 5/8"
 **View actual hose chart for ANSI pressure ratings

Legend

- F - Fiber
- N - Nylon
- R - Smooth Synthetic Rubber
- H - Copolyester
- O - Polyethylene
- S - Silicone
- U - Polyurethane
- UTJ - TOUGHJACKET™ Polyurethane
- X - TPV

Construction/Specifications

Thermoplastic Hose, psi

Hose
A

PSI Thermoplastic Hose Working Pressure								Reinforcement Type
Core Tube	Reinforcement Material	Cover Material	SAE Specification	Additional Specifications	Page #	Description	Hose	
N	Wire	X	-	ANSI CSA NGV 3.1; NFPA 52; CSA 12.3, Class C	A-60	Regulated Pressure CNG	CNGRP*	Wire
H	Wire	R	100R17	MSHA/ ISO 11237 Type R17	A-32	Hybrid® SAE 100R17 Hydraulic Hose	D6R	
H	Wire	H	100R17		A-35	Low Temperature SAE 100R17	H6	
H	Wire	R	100R1AT		A-33	SAE 100R1AT Hydraulic Hose	HFSR	
H	Wire	R	-	MSHA	A-34	Hybrid® Hydraulic Hose	HFS2R	
H	Wire	F	100R17		A-36	Abrasion King, SAE 100R17	R6	
H	Wire	R		MSHA	A-37	Eliminator® Hybrid® Hydraulic Hose	HTBR	
H	Wire	UTJ	100R1AT	MSHA	A-38	SAE 100R1AT TOUGHJACKET™	560TJ	
H	Wire	H	100R17	MSHA	A-39	SAE 100R17 TOUGHJACKET™	563TJ	
H	Wire	UTJ	100R17		A-40	Constant Pressure Low Temperature	563LT	
H	Wire	UTJ		MSHA	A-41	General Hydraulic TOUGHJACKET™	590TJ	
H	Wire	UTJ	100R19	MSHA	A-42	SAE 100R19 TOUGHJACKET™	594TJ	
H	Fiber	U	100R7***	MSHA***, DNV	A-43	SAE 100R7 Hydraulic Hose	510C	Fiber
N	Fiber	U	100R7	MSHA, DNV, ISO 3949	A-44	SAE 100R7 Hydraulic Hose	510D	
H	Fiber	U	100R7	ANSI A92.2, DNV	A-45	SAE 100R7 Non-conductive Hose	518C	
N (H-16)	Fiber	U	100R7	ANSI A92.2, DNV, ISO 3949	A-46	SAE 100R7 Non-conductive Hose	518D	
N	Fiber	U	100R8	MSHA***, DNV	A-47	SAE 100R8 Hydraulic Hose	520N / 528Na	
N	Fiber	U	-	CGA / NFPA 1901	A-48	Breathing Air Refill Hose	527BA	
N-2 (H-16)	Fiber	H	100R18		A-51	SAE 100R18 Low Temperature Hydraulic Hose	53DM	
H	Fiber	H	100R18		A-51	SAE 100R18 Low Temperature Hydraulic Hose Non-Conductive	538DM	
N	Fiber	U	100R7	MSHA	A-49	SAE 100R7 - Hydraulic Hose	540N	
O	Fiber	U	100R7	FDA	A-50	SAE 100R7 Specialty Water Hose	540P	
H	Fiber	H	100R7		A-52	SAE 100R7 Low Temperature Hydraulic Hose	55LT	
N	Fiber	U	-	MSHA***	A-53	Diagnostic Hose	56DH	
N	Fiber	U	-	MSHA***, DNV	A-54	Fast Response Hydraulic Hose	575X/575XN	
U	Fiber	N	-	SAE J517	A-54	Fast Response Hydraulic Hose	578X	
N	Fiber	U	100R8	MSHA, DNV	A-55	SAE 100R8 High Pressure Hydraulic 588N - Non-conductive	580N/588N	
N	Fiber	U	-		A-57	High Temperature Power Cleaning	1035HT	
U	Fiber	U	UL94HB	MSHA	A-56	DuraGard™ General Purpose Polyurethane	83FR	
U	Fiber	U	-		A-58	General Purpose Transfer Hose	B9	
N	Fiber	U	-	ANSI CSA NGV 4.2; ECE R110***; NFPA 52; CSA 12.52 Class A, Class D, Class B***	A-59	Compressed Natural Gas Hose	5CNG	
N	Fiber	N	-	ECE R67 Class 1, ECE R110 CNG Class 6, CSA Certified	A-61	Propane & Natural Gas Hose	8LPG	
N and H	Fiber	U	100R7 (HLBD)	MSHA, ISO 3949 (HLBD)	A-62	SAE 100R7 Hydraulic & Lubrication Hose	HLB/HLBD	
N	Fiber	U	-		A-63	Marine Steering Hose	MSH	
N	Fiber	U	-		A-64	Fast Response Marine Steering Hose	MSXL	
N	Fiber / SS Wire	U	-		A-65	Marine Power Tilt Hose	PTH	
N	Fiber	U	-		A-66	Sewer Cleaning - Lateral Cleaning	S5N	
H	Fiber	U	-		A-67	Sewer Cleaning	S6	
H	Fiber	U	-		A-68	Sewer Cleaning	S9	

***View Government & Agency Specifications for exceptions, pg. A-7

Legend	F - Fiber	H - Copolyester	U - Polyurethane
	N - Nylon	O - Polyethylene	UTJ - TOUGHJACKET™ Polyurethane
	R - Smooth Synthetic Rubber	S - Silicone	X - TPV

Tubing
Thermoplastic
B

Coiled Air Hose
& Fittings
C

Transportation
D

Fittings
E

Tooling, Equipment
& Accessories
F

General Technical
G

Construction/Specifications

Fluoropolymer Hose, psi

Reinforcement Type		PSI Fluoropolymer Hose Working Pressures														
		Fractional Size		Nominal Sizes												
				1/8	3/16	1/4	5/16	13/32	1/2	5/8	7/8	1-1/8	1/8	1/4	3/8	1/2
		Dash Size		-3	-4	-5	-6	-8	-10	-12	-16	-20	-3	-4	-6	-8
Hose	Description	psi	psi	psi	psi	psi	psi	psi	psi	psi	psi	psi	psi	psi	psi	
Wire	919	PTFE Hose		3000	3000	2500	2000	1500	1200	1000	625					
	919B	PTFE Hose with static-dissipative core		3000	3000	2500	2000									
	919J	Silicone Covered PTFE Hose		3000	3000	2500	2000	1500	1200	1000						
	919BJ	Silicone Covered PTFE Hose with static-dissipative core		3000	3000	2500	2000	1500	1200	1000						
	919U	High Abrasion Resistance PTFE Hose		3000		2500	2000		1200	1000						
	929	Heavy Wall PTFE Hose		3000		2500	2000									
	929B	Heavy Wall PTFE Hose with static-dissipative core		3000		2500	2000		1200	1250						
	929BJ	Silicone Covered PTFE Hose with static-dissipative core		3000		2500	2000		1200	1250						
	939	Convuluted PTFE Hose												1500	1350	1000
	939B	Convuluted PTFE Hose with static-dissipative core												1500	1350	1000
Transportation	944B	High Pressure PTFE Hose with static-dissipative core				4500	4500	4000	4000	4000						
	955B	High Pressure PTFE Hose with static-dissipative core		5500		5500	5500	5500	5500	5500						
	STW Z-STW*	PAGE Heavy Wall PTFE Hose *Double Braid											3000	2000	1750	
	STB Z-STB*	PAGE Heavy Wall PTFE Hose with static-dissipative core *Double Braid											3000	2000	1750	
	SCW	PAGE Convuluted PTFE Hose											1500	1500	1500	
	SCB	PAGE Convuluted PTFE Hose with static-dissipative core											1500	1500	1500	
	Other	NCW	PAGE Nomex Braid Convuluted											725	400	280
		NCB	PAGE Nomex Braid Convuluted with static-dissipative core											725	400	280

*Z indicates double braid for sizes over 1".

Legend

PTFE - Polytetrafluoroethylene

PTFE-S - Polytetrafluoroethylene, Static Dissipative

U - Polyurethane

NB - Nomex Braid

PP - Polypropylene

S - Silicone

Construction/Specifications

Fluoropolymer Hose, psi

PSI Fluoropolymer Construction and Specifications															Reinforcement Type
3/4	1	1 1/4	1 1/2	2	2-1/2	3	4	Fractional Size							
-12	-16	-20	-24	-32	-40	-48	-64	Core Tube	Reinforcement Material	Cover Material	Page #	Description	Hose		
psi	psi	psi	psi	psi	psi	psi	psi								
								PTFE	SS Wire	—	A-69	PTFE Hose	919	Wire	
								PTFE-S	SS Wire	—	A-69	PTFE Hose with static-dissipative core	919B		
								PTFE	SS Wire	S	A-70	Silicone Covered PTFE Hose	919J		
								PTFE-S	SS Wire	S	A-70	Silicone Covered PTFE Hose with static-dissipative core	919BJ		
								PTFE	SS Wire	U	A-71	High Abrasion Resistance PTFE Hose	919U		
								PTFE	SS Wire	—	A-72	Heavy Wall PTFE Hose	929		
								PTFE-S	SS Wire	—	A-72	Heavy Wall PTFE Hose with static-dissipative core	929B		
								PTFE-S	SS Wire	S	A-73	Silicone Covered PTFE Hose with static-dissipative core	929BJ		
1100	1000	1000	750	250				PTFE	SS Wire	—	A-74	Convoluted PTFE Hose	939		
1100	1000	1000	750	250				PTFE-S	SS Wire	—	A-74	Convoluted PTFE Hose with static-dissipative core	939B		
								PTFE-S	SS Wire	—	A-75	High Pressure PTFE Hose with static-dissipative core	944B		
								PTFE-S	SS Wire	—	A-76	High Pressure PTFE Hose with static-dissipative core	955B		
1000	1000 1200	1000*	900*					PTFE	SS Wire	—	A-77	PAGE Heavy Wall PTFE Hose *Double Braid	STW Z-STW*		
1000	1000 1200	1000*	900*					PTFE-S	SS Wire	—	A-77	PAGE Heavy Wall PTFE Hose with static-dissipative core *Double Braid	STB Z-STB*		
1200	925	750	650	450				PTFE	SS Wire	—	A-78	PAGE Convoluted PTFE Hose	SCW		
1200	925	750	650	450				PTFE-S	SS Wire	—	A-78	PAGE Convoluted PTFE Hose with static-dissipative core	SCB		
200	200							PTFE	NB	—	A-81	PAGE Nomex® Braid Convoluted	NCW	Other	
200	200							PTFE-S	NB	—	A-81	PAGE Nomex® Braid Convoluted with static-dissipative core	NCB		

*Z indicates double braid for sizes over 1".

Legend

PTFE - Polytetrafluoroethylene

PTFE-S - Polytetrafluoroethylene, Static Dissipative

U - Polyurethane

NB - Nomex Braid

PP - Polypropylene

S - Silicone

919/919B - SAE 100R14 PTFE Hose

PTFE Core Tube

Best chemical resistance with high operating temperature (450°F/232°C).



Features

- Excellent chemical compatibility
- Handles extreme temperatures to 450°F
- Environmentally safe
- Resists moisture
- Low friction minimizes pressure drops and deposits

Construction

- Tube: 919 - Natural FDA Compliant PTFE
919B - Black Static-Dissipative PTFE
- Reinforcement: 304 Stainless Steel Braid

Operating Parameters

- Temperature Range:
-100°F (-73°C) to 450°F (232°C)
- Change in length at Max. Working Pressure: +2% to -4%
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Compliance

- Meets/Exceeds SAE J517 100R14A - 919
- Meets/Exceeds SAE J517 100R14B - 919B
- FDA CFR21 Part 177 compliant core - 919

Fittings

- 90 Series - pg. E-26 91/91N Series - pg. E-52
- For most Parker products, Crimp Die Selection charts are found online at www.parker.com/crimpsource
- Access instructions are on pg. G-3

Notes

- Use hose type 919B with static-dissipative core tube when conveying non-conducting fluids such as oils, paints, fuels, steam, etc.
- Constructed with minimum .030" PTFE tube wall thickness
- Field attachable fittings are not intended for use on hose that has been previously in service

Series 919/919B

[Visit the webpage](#)

Part Number		Nominal I.D.		Maximum O.D.		Maximum Working Pressure		Minimum Bend Radius		Vac. Rating	Weight		Permanent Fitting Series	F.A. Fitting Series
Natural	Static-Dissipative	inch	mm	inch	mm	psi	MPa	inch	mm	Hg/73F	lbs./ft.	kg/mtr		
919-4	919B-4	3/16	5	0.33	8.2	3,000	20.7	2	50.0	28	0.06	0.09	91N	90
919-5	919B-5	1/4	6.3	0.40	10.1	3,000	20.7	3	75.0	28	0.09	0.13	91N	90
919-6	919B-6	5/16	8	0.46	11.6	2,500	17.2	4	100.0	28	0.10	0.15	91N	90
919-8	919B-8	13/32	10.4	0.56	14.3	2,000	13.8	5	127.0	28	0.13	0.19	91N	90
919-10	-	1/2	12.5	0.66	16.8	1,500	10.3	6-1/2	165.0	28	0.15	0.22	91N	90
919-12	-	5/8	16	0.79	20.1	1,200	8.3	7-1/2	191.0	12	0.19	0.28	91N	90
919-16	-	7/8	22	1.06	26.9	1,000	6.9	9	229.0	14	0.27	0.40	91N	90
919-20	-	1-1/8	29	1.32	33.5	625	4.3	16	406.0	10	0.39	0.58	91	90



WARNING

This product can expose you to chemicals including Tetrafluoroethylene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

919J/919BJ – Silicone Covered SAE 100R14 PTFE Hose

PTFE Core Tube

Steam cleanable with silicone cover for operator protection.



Features

- Silicone cover provides a clean, smooth cover to protect the stainless steel wire reinforcement against wear, fraying and contaminants
- Steam cleanable

Compliance

- Meets/Exceeds SAE J517 100R14A - 919J
- Meets/Exceeds SAE J517 100R14B - 919BJ
- FDA CFR21 Part 177 compliant core - 919J

Construction

- Tube: 919J - Natural FDA Compliant PTFE
919BJ - Black Static-Dissipative PTFE
- Reinforcement: 304 Stainless Steel Braid
- Cover: Extruded Silicone

Fittings

- 91N Series – pg. E-52
- For most Parker products, Crimp Die Selection charts are found online at www.parker.com/crimpsource
- Access instructions are on pg. G-3

Operating Parameters

- Temperature Range:
-40°F (-40°C) to 450°F (232°C)
- Change in length at Max. Working Pressure: +2% to -4%
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Notes

- Cover must be skived prior to fitting attachment
- Constructed with minimum .030" PTFE tube wall thickness

Color

- ● Red - 919J
- ● Orange - 919BJ

Series 919J/919BJ

[Visit the webpage](#)

Part Number		Nominal I.D.		Maximum O.D.		Maximum Working Pressure		Minimum Bend Radius		Vac. Rating	Weight		Permanent Fitting Series
Natural	Static-Dissipative	inch	mm	inch	mm	psi	MPa	inch	mm	Hg/73F	lbs./ft.	kg/mtr	
919J-4-RED	919BJ-4-ORG	3/16	5	0.45	11.4	3,000	20.7	2	50.0	28	0.12	0.18	91N
919J-5-RED	919BJ-5-ORG	1/4	6.3	0.52	13.2	3,000	20.7	3	75.0	28	0.14	0.21	91N
919J-6-RED	919BJ-6-ORG	5/16	8	0.58	14.8	2,500	17.2	4	100.0	28	0.17	0.25	91N
919J-8-RED	919BJ-8-ORG	13/32	10.4	0.68	17.3	2,000	13.8	5	127.0	28	0.20	0.30	91N
919J-10-RED	919BJ-10-ORG	1/2	12.5	0.78	19.8	1,500	10.3	6-1/2	165.0	28	0.24	0.35	91N
919J-12-RED	919BJ-12-ORG	5/8	16	0.91	23.1	1,200	8.3	7-1/2	191.0	12	0.29	0.43	91N
919J-16-RED	919BJ-16-ORG	7/8	22	1.19	30.2	1,000	6.9	9	229.0	14	0.38	0.56	91N

WARNING

This product can expose you to chemicals including Tetrafluoroethylene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

919U - Abrasion Resistant SAE 100R14 PTFE Hose

PTFE Core Tube

Non-marring, abrasion resistant polyurethane cover.



Features

- Non-marring, abrasion resistant polyurethane cover protects the stainless steel wire reinforcement against wear, fraying and contaminants

Compliance

- Meets/Exceeds SAE J517 100R14A
 - Limited to temperature range of -40°F to 275°F
- FDA CFR21 Part 177 compliant core

Construction

- Tube: Natural FDA Compliant PTFE
- Reinforcement: 304 Stainless Steel Braid
- Cover: Polyurethane

Fittings

- 91N Series – pg. E-52
- For most Parker products, Crimp Die Selection charts are found online at www.parker.com/crimpsource
- Access instructions are on pg. G-3

Operating Parameters

- Temperature Range::
 - 40°F (-40°C) to 275°F (135°C)
- Change in length at Max. Working Pressure: +2% to -4%
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Notes

- Cover must be skived prior to fitting attachment
- Constructed with minimum .030" PTFE tube wall thickness

Color

- ● Black

Series 919U

[Visit the webpage](#)

Part Number	Nominal I.D.		Maximum O.D.		Maximum Working Pressure		Minimum Bend Radius		Vac. Rating Hg/73F	Weight		Permanent Fitting Series
	inch	mm	inch	mm	psi	MPa	inch	mm		lbs./ft.	kg/mtr	
919U-4	3/16	5	0.37	9.4	3,000	20.7	2	50.0	28	0.08	0.13	91N
919U-6	5/16	8	0.51	13.0	2,500	17.2	4	100.0	28	0.13	0.20	91N
919U-8	13/32	10.4	0.61	15.5	2,000	13.8	5	127.0	28	0.15	0.22	91N
919U-12	5/8	16	0.84	21.4	1,200	8.3	7-1/2	191.0	12	0.22	0.33	91N
919U-16	7/8	22	1.12	28.5	1,000	6.9	9	229.0	14	0.31	0.47	91N



WARNING

This product can expose you to chemicals including Tetrafluoroethylene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

929/929B - Heavy Wall SAE 100R14 PTFE Hose

PTFE Core Tube

Enhanced resistance to gas permeation due to increased PTFE wall thickness (.040").



Features

- Excellent kink resistance
- Enhanced resistance to gas permeation due to increased PTFE wall thickness (.040")
- Excellent chemical compatibility
- Handles extreme temperatures to 450°F

Construction

- Tube: 929 - Natural FDA Compliant PTFE
929B - Black Static-Dissipative PTFE
- Reinforcement: 304 Stainless Steel Braid

Operating Parameters

- Temperature Range:
-100°F (-73°C) to 450°F (232°C)
- Change in length at Max. Working Pressure: +2% to -4%
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Compliance

- Meets/Exceeds SAE J517 100R14A - 929
- Meets/Exceeds SAE J517 100R14B - 929B
- FDA CFR21 Part 177 compliant core - 929

Fittings

- 91N Series - pg. E-52
- For most Parker products, Crimp Die Selection charts are found online at www.parker.com/crimpsource
- Access instructions are on pg. G-3

Notes

- Use hose type 929B with static-dissipative core tube when conveying non-conducting fluids such as oils, paints, fuels, steam, etc.
- Constructed with minimum .040" PTFE tube wall thickness

Series 929/929B

[Visit the webpage](#)

Part Number		Nominal I.D.		Maximum O.D.		Maximum Working Pressure		Minimum Bend Radius		Vac. Rating	Weight		Permanent Fitting Series
Natural	Static-Dissipative	inch	mm	inch	mm	psi	MPa	inch	mm	Hg/73F	lbs./ft.	kg/mtr	
929-4	929B-4	3/16	5	0.34	8.6	3,000	20.7	2	51.0	28	0.08	0.12	91N
929-6	929B-6	5/16	8	0.47	11.9	2,500	17.2	4	102.0	28	0.12	0.18	91N
929-8	929B-8	13/32	10	0.59	15.0	2,000	13.8	4-5/8	117.0	28	0.16	0.23	91N
-	929B-12	5/8	16	0.75	19.1	1,200	8.3	6-1/2	165.0	12	0.19	0.28	91N
-	929B-16	7/8	22	1.14	29.0	1,250	8.6	7-1/2	188.0	12	0.49	0.73	91N



WARNING

This product can expose you to chemicals including Tetrafluoroethylene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

929BJ - Silicone Covered SAE 100R14 PTFE Hose

PTFE Core Tube

Silicone cover protects SS wire reinforcement against wear and fraying, up to 450°F.



Features

- Silicone cover protects SS wire reinforcement against wear and fraying, up to 450°F
- Silicone cover provides clean, smooth cover and prevents contaminants from accumulating in braid
- Excellent kink resistance
- Enhanced resistance to gas permeation due to increased PTFE wall thickness
- Steam cleanable

Construction

- Tube: Black Static-Dissipative PTFE
- Reinforcement: 304 Stainless Steel Braid
- Cover: Silicone

Operating Parameters

- Temperature Range: -65°F (-54°C) to 450°F (232°C)
- Change in length at Max. Working Pressure: +2% to -4%
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Compliance

- Meets/Exceeds SAE J517 100R14B

Fittings

- 91N Series – pg. E-52
- For most Parker products, Crimp Die Selection charts are found online at www.parker.com/crimpsource
- Access instructions are on pg. G-3

Notes

- Cover must be skived prior to fitting attachment
- Constructed with minimum .040" PTFE tube wall thickness

Color

- ● Brown

Series 929BJ

[Visit the webpage](#)

Part Number	Nominal I.D.		Maximum O.D.		Maximum Working Pressure		Minimum Bend Radius		Vac. Rating	Weight		Permanent Fitting Series
	inch	mm	inch	mm	psi	MPa	inch	mm		Hg/73F	lbs./ft.	
929BJ-4	3/16	5	0.58	14.7	3,000	20.7	2	51.0	28	0.17	0.25	91N
929BJ-6	5/16	8	0.70	17.8	2,500	17.2	4	102.0	28	0.23	0.34	91N
929BJ-8	13/32	10	0.81	20.6	2,000	13.8	4-5/8	117.0	28	0.29	0.43	91N
929BJ-12	5/8	16	1.04	26.4	1,200	8.3	6-1/2	165.0	12	0.43	0.64	91N
929BJ-16	7/8	22	1.36	34.5	1,250	8.6	7-1/2	188.0	12	0.78	1.16	91N

WARNING

This product can expose you to chemicals including Tetrafluoroethylene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

939/939B – Convoluted PTFE Hose

PTFE Core Tube

Up to 50% tighter bend radius than smoothbore PTFE hose.



Features

- Excellent flexibility for tighter routings
- Excellent kink resistance

Compliance

- FDA CFR21 Part 177 compliant core - 939

Construction

- Tube: 939 - Natural FDA Compliant PTFE
939B - Black Static-Dissipative PTFE
- Reinforcement: 304 Stainless Steel Braid

Fittings

- 93N Series – pg. E-62
- For most Parker products, Crimp Die Selection charts are found online at www.parker.com/crimpsource
- Access instructions are on pg. G-3

Operating Parameters

- Temperature Range:
-100°F (-73°C) to 450°F (232°C)
- Change in length at Max. Working Pressure: +/-2%
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Notes

- Use hose type 939B with static-dissipative core tube when conveying non-conducting fluids such as paints, fuels, steam, etc.
- *28 in/Hg can be obtained by using an internal spring guard See pg. F-20

Series 939/939B

[Visit the webpage](#)

Part Number		Nominal I.D.		Maximum O.D.		Maximum Working Pressure		Minimum Bend Radius		Vac. Rating	Weight		Permanent Fitting Series
Natural	Static-Dissipative	inch	mm	inch	mm	psi	MPa	inch	mm	Hg/73F	lbs./ft.	kg/mtr	
939-6	939B-6	3/8	10	0.59	15.0	1500	10.3	2-1/4	57.0	28	0.12	0.18	93N
939-8	939B-8	1/2	12.5	0.79	20.1	1350	9.3	2-7/8	73.0	28	0.21	0.31	93N
939-10	939B-10	5/8	16	0.88	22.4	1000	6.9	3	76.0	28	0.24	0.36	93N
939-12	939B-12	3/4	19	1.09	27.7	1100	7.6	3-3/4	95.0	28	0.32	0.47	93N
939-16	939B-16	1	25	1.33	33.8	1000	6.9	5	127.0	28	0.45	0.67	93N
939-20	939B-20	1-1/4	31.5	1.75	44.5	1000	6.9	6-1/4	159.0	20*	0.70	1.04	93N
939-24	939B-24	1-1/2	38	2.05	52.1	750	5.2	7-1/2	191.0	12*	0.80	1.18	93N
939-32	939B-32	2	51	2.56	65.0	250	1.7	10	254.0	5*	1.01	1.50	93N

WARNING

This product can expose you to chemicals including Tetrafluoroethylene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

944B - High Pressure PTFE Hose

Static Dissipative PTFE Core Tube

Up to 4,500 working pressure.
Low friction minimizes pressure drops.



Features

- Excellent chemical compatibility
- Resists moisture
- Low friction minimizes pressure drops and deposits

Fittings

- 94 Series - pg. E-64

Construction

- Tube: Black Static-Dissipative PTFE
- Reinforcement: 304 Stainless Steel Braid

Notes

- Factory made assemblies only
- Reduce pressure to 3000 psi (20.7 MPa) for pressure impulse applications

Operating Parameters

- Temperature Range:
-65°F (-54°C) to 400°F (204°C)
- Change in length at Max. Working Pressure: +/-2%
- Min. Burst Pressure is 3x Max. Working Pressure at 73°F (23°C)

Series 944B

[Visit the webpage](#)

Part Number	Nominal I.D.		Maximum O.D.		Maximum Working Pressure		Minimum Bend Radius		Vac. Rating Hg/73F	Weight	
	inch	mm	inch	mm	psi	MPa	inch	mm		lbs./ft.	kg/mtr
944B-6	5/16	8	0.49	12.5	4,500	31.0	2-1/2	63.5	28	0.17	0.24
944B-8	7/16	10.4	0.62	15.6	4,500	31.0	2-7/8	73.2	28	0.25	0.35
944B-10	1/2	12.5	0.73	18.5	4,000	27.6	3-1/4	82.6	28	0.31	0.45
944B-12	5/8	16	0.99	25.1	4,000	27.6	4	101.6	28	0.74	1.05
944B-16	29/32	22	1.25	31.8	4,000	27.6	5	127.0	28	1.09	1.55



WARNING

This product can expose you to chemicals including Tetrafluoroethylene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

955B - High Pressure PTFE Hose

Static Dissipative PTFE Core Tube

5,500 constant working pressure.
Low friction minimizes pressure drops.



Features

- Excellent chemical compatibility
- Resists moisture
- Low friction minimizes pressure drops and deposits

Fittings

- 95 Series - pg. E-64

Construction

- Tube: Black Static-Dissipative PTFE
- Reinforcement: Multiple high density braids of 304 Stainless Steel

Notes

- Factory-made assemblies only
- Reduce pressure to **4,000 psi (27.6 MPa)** for pressure impulse applications

Operating Parameters

- Temperature Range:
-65°F (-54°C) to 400°F (204°C)
- Change in length at Max. Working Pressure: +/-2%
- Min. Burst Pressure is 16,000 psi at 73°F (23°C)

Series 955B

[Visit the webpage](#)

Part Number	Nominal I.D.		Maximum O.D.		Maximum Working Pressure		Minimum Bend Radius		Vac. Rating	Weight	
	Natural	inch	mm	inch	mm	psi	MPa	inch		mm	Hg/73F
955B-4	15/64	6	0.50	12.7	5,500	37.9	3	76.0	28	0.23	0.34
955B-6	5/16	8	0.62	15.7	5,500	37.9	5	127.0	28	0.24	0.35
955B-8	7/16	11.1	0.75	19.1	5,500	37.9	5-3/4	146.0	28	0.46	0.68
955B-10	1/2	12.7	0.91	23.1	5,500	37.9	6-1/2	165.0	28	0.91	1.34
955B-12	5/8	16	1.08	27.4	5,500	37.9	7-3/4	197.0	28	0.92	1.36
955B-16	29/32	23	1.36	34.5	5,500	37.9	9-5/8	245.0	28	1.20	1.77

WARNING

This product can expose you to chemicals including Tetrafluoroethylene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

STW/STB True Bore PTFE Hose

PTFE Core Tube

Features a larger I.D. than the equivalent SAE J517, 100R14 PTFE hose.



Features

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

Construction

- Tube: STW - Natural FDA Compliant PTFE
STB - Black Static-Dissipative PTFE
- Reinforcement: 304 Stainless Steel Braid

Operating Parameters

- Temperature Range:
-100°F (-73°C) to 450°F (232°C)
- Change in length at Max. Working Pressure: +2% to -4%
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)
- Pressure ratings based on 73°F (23°C) - Decrease working pressure 1% for every 2°F above 212°F

Compliance

- FDA CFR21 Part 177 compliant core - STW
- USP Class VI compliant core

Fittings

- PAGE Fittings – pg. E-65
- Uses crimp collar ST300, see pg. E-66
- For most Parker products, Crimp Die Selection charts are found online at www.parker.com/crimpsource
- Access instructions are on pg. G-3

Notes

- "Z" indicates double braid
- See pg. A-21 for part numbering system
- Cannot be used with 90 or 91N series fittings

Series STW/STB

[Visit the webpage](#)

Part Number		Nominal I.D.		Maximum O.D.		Maximum Working Pressure		Minimum Bend Radius		Vac. Rating	Weight		Permanent Fitting Series
Natural	Static-Dissipative	inch	mm	inch	mm	psi	MPa	inch	mm	Hg/73F	lbs./ft.	kg/mtr	
04-STW	04-STB	1/4	6	.37	9	3,000	207	3	76	28	.08	.13	PAGE
06-STW	06-STB	3/8	10	.51	13	2,000	138	5	127	28	.11	.16	PAGE
08-STW	08-STB	1/2	13	.63	16	1,750	121	6-1/2	165	28	.16	.24	PAGE
12-STW	12-STB	3/4	19	.88	22	1,000	69	8.5	216	28	.20	.30	PAGE
16-STW	16-STB	1	25	1.13	29	1,000	69	12	305	20	.33	.49	PAGE
20Z-STW	20Z-STB	1-1/4	31.8	1.52	38.6	1,000	69	14	356	18	.68	1.02	PAGE
24Z-STW	24Z-STB	1-1/2	38.1	1.73	43.9	900	62	15	381	15	.79	1.18	PAGE



WARNING

This product can expose you to chemicals including Tetrafluoroethylene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

SCW/SCB - Convoluted PTFE Hose

PTFE Core Tube

Features extreme flexibility with stainless steel braid reinforcement.



Features

- Excellent corrosion resistance
- Seamless
- Open pitch
- Self draining
- Environmentally safe; low effusion

Construction

- Tube: SCW - Natural FDA Compliant PTFE
SCB - Black Static-Dissipative PTFE
- Reinforcement: 304 Stainless Steel Braid

Operating Parameters

- Temperature Range:
-100°F (-73°C) to 500°F (260°C)
- Change in length at Max. Working Pressure: +2% to -4%
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)
- Pressure ratings based on 73°F (23°C)
- Decrease working pressure 1% for every 2°F above 212°F

Compliance

- FDA CFR21 Part 177 compliant core - SCW
- USP Class VI compliant core

Fittings

- PAGE Fittings - pg. E-65
- Uses crimp collar SC300, see pg. E-66
- For most Parker products, Crimp Die Selection charts are found online at www.parker.com/crimpsource
- Access instructions are on pg. G-3

Notes

- See pg. A-21 for part numbering system
- Cannot be used with 93N series fittings

Series SCW/SCB

[Visit the webpage](#)

Part Number		Nominal I.D.		Maximum O.D.		Maximum Working Pressure		Minimum Bend Radius		Vac. Rating	Weight		Permanent Fitting Series
Natural	Static-Dissipative	inch	mm	inch	mm	psi	MPa	inch	mm	Hg/73F	lbs./ft.	kg/mtr	
04-SCW	04-SCB	1/4	6.4	0.46	11.7	1,500	10.3	3/4	19.0	28	0.08	0.11	PAGE
06-SCW	06-SCB	3/8	9.5	0.56	14.2	1,500	10.3	1	25.0	28	0.10	0.15	PAGE
08-SCW	08-SCB	1/2	12.7	0.76	19.3	1,500	10.3	1-1/2	38.0	28	0.16	0.23	PAGE
12-SCW	12-SCB	3/4	19.1	1.03	26.2	1,200	8.3	2	51.0	28	0.27	0.40	PAGE
16-SCW	16-SCB	1	25.4	1.34	34.0	925	6.4	2-1/2	64.0	28	0.37	0.55	PAGE
20-SCW	20-SCB	1-1/4	31.8	1.75	44.5	750	5.2	3	76.0	28	0.46	0.68	PAGE
24-SCW	24-SCB	1-1/2	38.1	1.95	49.5	650	4.5	3-3/4	95.0	28	0.55	0.81	PAGE
32-SCW	32-SCB	2	50.8	2.45	62.2	450	3.1	4-3/4	121.0	28	0.90	1.40	PAGE



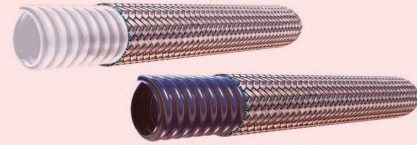
WARNING

This product can expose you to chemicals including Tetrafluoroethylene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

SCWV/SCBV Heavy Wall Convuluted PTFE Hose

PTFE Core Tube

Thicker wall handles vacuum applications at elevated temperatures.



Features

- Thicker wall - up to 33% more PTFE than SCW
- Handles vacuum applications at elevated temperatures
- Excellent chemical compatibility
- Easy Cleaning

Compliance

- FDA CFR21 Part 177 compliant core - SCWV
- USP Class VI compliant core

Construction

- Tube: SCWV - Natural FDA Compliant PTFE
SCBV - Black Static-Dissipative PTFE
- Reinforcement: 304 Stainless Steel Braid

Fittings

- PAGE Fittings - pg. E-65

Operating Parameters

- Temperature Range:
-100°F (-73°C) to 500°F (260°C)
- Change in length at Max. Working Pressure: +2% to -4%
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)
- Pressure ratings based on 73°F (23°C)
- Decrease working pressure 1% for every 2°F above 212°F

Notes

- Factory-made assemblies only
- See pg. A-21 for part numbering system
- **Cannot be used with 93N Series Fittings**
- *Vacuum wire recommended to achieve 28 inch rating

Series SCWV/SCBV

[Visit the webpage](#)

Part Number		Nominal I.D.		Maximum O.D.		Max. Working Pressure 73°F / 23°C		Minimum Bend Radius		Vac. Rating	Weight	
Natural	Static-Dissipative	inch	mm	inch	mm	psi	MPa	inch	mm	Hg/73F	lbs./ft.	kg/mtr
08-SCWV	08-SCBV	1/2	12.7	0.76	19.3	1,500	10.3	2	51.0	28	0.17	0.26
12-SCWV	12-SCBV	3/4	19.1	1.05	26.6	1,200	8.3	2-3/4	70.0	28	0.33	0.49
16-SCWV	16-SCBV	1	25.4	1.27	32.2	1,000	6.9	4	102.0	28	0.37	0.55
20-SCWV	20-SCBV	1-1/4	31.8	1.67	42.4	750	5.2	5-1/2	140.0	28	0.56	0.83
24-SCWV	24-SCBV	1-1/2	38.1	1.94	49.2	650	4.5	7	178.0	28	0.64	0.95
32-SCWV	32-SCBV	2	50.8	2.49	63.2	450	3.1	8-1/2	216.0	28	0.84	1.24
40-SCWV	40-SCBV	2-1/2	63.5	3.29	83.5	200	1.4	12	305.0	28*	1.52	2.26
48-SCWV	48-SCBV	3	76.2	3.83	97.3	175	1.2	14	356.0	28*	1.82	2.71

WARNING

This product can expose you to chemicals including Tetrafluoroethylene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

PCW/PCB – Convoluted PTFE Hose, Polypropylene Braid PTFE Core Tube

Polypropylene adds personal handling safety.



Features

- Excellent corrosion resistance
- Seamless
- Open pitch
- Self draining
- Withstands extreme flexing
- Environmentally safe; low effusion
- Long life expectancy

Compliance

- FDA CFR21 Part 177 compliant core - PCW
- USP Class VI compliant core

Construction

- Tube: PCW - Natural FDA Compliant PTFE
PCB - Black Static-Dissipative PTFE
- Reinforcement: Polypropylene Braid

Fittings

- PAGE Fittings – pg. E-65
- Uses crimp collar PC300, see pg. E-66
- For most Parker products, Crimp Die Selection charts are found online at www.parker.com/crimpsource
- Access instructions are on pg. G-3

Operating Parameters

- Temperature Range: 0°F (18°C) to 212°F (100°C)
- Change in length at Max. Working Pressure: +2% to -4%
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)
- Pressure ratings based on 73°F (23°C)
- Decrease working pressure 1% for every 2°F above 212°F

Notes

- Not suggested for steam-cold water cycling applications
- See pg. A-21 for part numbering system
- Cannot be used with 93N series fittings

Series PCW/PCB

[Visit the webpage](#)

Part Number		Nominal I.D.		Maximum O.D.		Maximum Working Pressure		Minimum Bend Radius		Vac. Rating	Weight		Permanent Fitting Series
Natural	Static-Dissipative	inch	mm	inch	mm	psi	MPa	inch	mm	Hg/73F	lbs./ft.	kg/mtr	
04-PCW	04-PCB	1/4	6.4	0.56	14.2	350	2.4	3/4	19.0	28	0.03	0.05	PAGE
06-PCW	06-PCB	3/8	9.5	0.65	16.5	350	2.4	1	25.0	28	0.06	0.09	PAGE
08-PCW	08-PCB	1/2	12.7	0.85	21.6	300	2.1	1-1/2	38.0	28	0.15	0.22	PAGE
12-PCW	12-PCB	3/4	19.1	1.17	29.7	250	1.7	2	51.0	28	0.18	0.27	PAGE
16-PCW	16-PCB	1	25.4	1.52	38.6	250	1.7	2-1/2	64.0	28	0.26	0.39	PAGE
20-PCW	20-PCB	1-1/4	31.8	1.94	49.3	200	1.4	3	76.0	28	0.37	0.55	PAGE
24-PCW	24-PCB	1-1/2	38.1	2.14	54.4	200	1.4	3-3/4	95.0	28	0.42	0.63	PAGE
32-PCW	32-PCB	2	50.8	2.67	67.8	200	1.4	4-3/4	121.0	28	0.56	0.83	PAGE



WARNING

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NCW/NCB – Convoluted PTFE, Nomex® Braid PTFE Core Tube

Hose
A

Eliminates RFI issues.



Tubing
Thermoplastic
B

Features

- Very light weight
- Superior flexibility
- Kink and vacuum resistant
- Eliminates RFI issues



Compliance

- FDA CFR21 Part 177 compliant core - NCW
- USP Class VI compliant core

Coiled Air Hose
& Fittings
C

Construction

- Tube: NCW - Natural FDA Compliant PTFE
NCB - Black Static-Dissipative PTFE
- Reinforcement: Nomex braid

Fittings

- PAGE Fittings – pg. E-65

Operating Parameters

- Temperature Range:
-100°F (-73°C) to 400°F (204°C)
- Change in length at Max. Working Pressure: +2% to -4%
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)
- Pressure ratings based on 73°F (23°C)
- Decrease working pressure 1% for every 2°F above 212°F

Notes

- Factory-made assemblies only
- NCB (Static Dissipative) tube I.D. surface only
- NCB Conductive Spec - Must conduct 20 microamps 1000 VDC potential 14" sample
- See pg. A-21 for part numbering system
- **Cannot be used with 93N series fittings**

Transportation
D

Color

- Green

Fittings
E

Series NCW/NCB

[Visit the webpage](#)

Part Number		Nominal I.D.		Maximum O.D.		Max. Working Pressure 73°F / 23°C		Minimum Bend Radius		Vac. Rating	Weight	
Natural	Static-Dissipative	inch	mm	inch	mm	psi	MPa	inch	mm	Hg/73F	lbs./ft.	kg/mtr
04-NCW	04-NCB	1/4	6.4	0.48	12.2	725	5.0	1	25.0	28	0.02	0.03
06-NCW	06-NCB	3/8	10	0.58	14.7	400	2.8	1-1/2	38.0	28	0.06	0.09
08-NCW	08-NCB	1/2	12.5	0.77	19.5	280	1.9	2	51.0	28	0.08	0.12
12-NCW	12-NCB	3/4	19	1.05	26.7	200	1.4	2-1/2	64.0	28	0.14	0.21
16-NCW	16-NCB	1	25	1.33	33.8	200	1.4	4	102.0	28	0.22	0.32

Tooling, Equipment
& Accessories
F

Nomex® is a registered trademark of E. I. du Pont de Nemours and Company.



WARNING

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General Technical
G