

## PTFE HOSE

### Introduction

Parker reinforced PTFE hose is manufactured with a high-performance PTFE core material. Our PTFE hose provide fluid conveyance solutions for a wide range of applications across many markets. Parker PTFE hose offer excellent chemical resistance and is virtually inert to all chemical. Many other benefits of Parker PTFE hose include:

BENEFITS:	
<ul style="list-style-type: none"> <li>• Extreme high and low temperature range</li> <li>• Low friction minimizes pressure drops and deposits</li> <li>• Exceptional chemical resistance</li> </ul>	<ul style="list-style-type: none"> <li>• Stainless steel braid reinforcement is cleaned to reduce hydrocarbon content</li> <li>• High purity non-contaminating material for pure system applications</li> <li>• Flexibility allows motion, vibration dampening and easier routing &amp; installation</li> </ul>

### How to Order

P	919	TU	AL	08	08	08	C -	36
TYPE OF CONNECTION	HOSE STYLE	1ST END CONNECTION	2ND END CONNECTION	1ST END DASH SIZE	2ND END DASH SIZE	HOSE I.D. DASH SIZE	FITTING MATERIAL	OVERALL ASSEMBLY LENGTH (INCHES)
P=Permanent Crimp	919 919B 919J 929 929B	01 = Male NPT 03 = Male JIC 37° 06 = Female SAE (JIC) 37° Swivel AL = A-LOK® Compression P6 = CPI™ Compression (nut & ferrule) TU = Universal Tube Stub HV = Male Vacuseal VH = Female Vacuseal		02=1/8" 04=1/4" 06=3/8" 08=1/2" 12=3/4" 16=1"		04=3/16" 06=5/16" 08=13/32" 12=5/8" 16=7/8"	C=Stainless	Overall length is expressed in inches measured from extreme end to end. Except elbow fittings which are measured from centerline or the seat.

Other End Connections and styles available. See Parflex 4660 catalog at [www.Parker.com](http://www.Parker.com) for additional details.

Assemblies are to be measured extreme end to end. Exception:

1. Face seal type fittings shall be measured from sealing to face.
2. Where elbow fittings are used, measurement shall be to the centerline of the sealing surface of the elbow end.
3. "A-LOK®" and "CPI™" fittings are measured from tube stops.

### 919 PTFE HOSE

### PTFE Hose



HOSE SERIES - DASH SIZE	VACUUM RATING	HOSE I.D.		MAX. HOSE O.D.		WALL THICKNESS		MAXIMUM WORKING PRESSURE		MINIMUM BEND RADIUS		WEIGHT		CRIMP DIE PART NO.
	INCHES/HG	INCHES	MM	INCHES	MM	INCHES	MM	PSI	MPA	INCHES	MM	LBS/FT	KG/M	
919-4	28	3/16	5	5/16	8	.030	.762	3000	20.7	2.0	51	0.056	0.09	80C-T04N
919-5	28	1/4	6	3/8	10	.030	.762	3000	20.7	3.0	76	0.086	0.13	80C-T05N
919-6	28	5/16	8	7/16	11	.030	.762	2500	17.2	4.0	102	0.103	0.15	80C-T06N
919-8	28	13/32	10.5	17/32	14	.030	.762	2000	13.8	5.0	127	0.126	0.19	80C-T08N
919-10	28	1/2	12.5	5/8	16	.030	.762	1500	10.3	6.5	165	0.149	0.22	80C-T10N
919-12	12	5/8	16	3/4	19	.030	.762	1200	8.3	7.5	191	0.186	0.28	80C-T12N
919-16	14	7/8	22	1-1/32	26	.035	.889	1000	6.9	9.0	229	0.268	0.4	80C-T16N

**Construction:** Smooth bore natural PTFE core tube with a type 304 stainless steel braided wire reinforcement.

**Typical applications:** Instrumentation lines, analyzer sampling lines and for areas that require tight routing.

**Temperature range:** -100°F to +450°F (-73°C to +232°C)



# PTFE HOSE

## 919B PTFE Hose

## Static-Dissipative Hose



HOSE SERIES - DASH SIZE	VACUUM RATING	HOSE I.D.		MAX. HOSE O.D.		WALL THICKNESS		MAXIMUM WORKING PRESSURE		MINIMUM BEND RADIUS		WEIGHT		CRIMP DIE PART NO.
	INCHES/HG	INCHES	MM	INCHES	MM	INCHES	MM	PSI	MPA	INCHES	MM	LBS/FT	KG/M	
919B-5	28	1/4	6	3/8	10	.030	.762	3000	20.7	3.0	76	0.086	0.13	80C-T05N
919B-6	28	5/16	8	7/16	11	.030	.762	2500	17.2	4.0	102	0.103	0.15	80C-T06N
919B-8	28	13/32	10.5	17/32	14	.030	.762	2000	13.8	5.0	127	0.126	0.19	80C-T08N

**Construction:** Smooth bore black PTFE core tube with a type 304 stainless steel braided wire reinforcement.

**Typical applications:** Static-Dissipative PTFE black core tube. Transfer line for most chemicals, hot oils, fuel lines, coolant and steam transfer. Compressed air and gases. Adhesive dispensing, paints and coating materials.

**Temperature range:** -100°F to +450°F (-73°C to +232°C)

## 919J PTFE Hose

## Silicone Jacketed PTFE Hose



HOSE SERIES - DASH SIZE	VACUUM RATING	HOSE I.D.		MAX. HOSE O.D.		WALL THICKNESS		MAXIMUM WORKING PRESSURE		MINIMUM BEND RADIUS		WEIGHT		CRIMP DIE PART NO.
		INCHES/HG	INCHES	MM	INCHES	MM	INCHES	MM	PSI	MPA	INCHES	MM	LBS/FT	
919J-4-Red	28	3/16	5	0.45	11	.030	.762	3000	20.7	2.0	51	0.124	0.19	80C-T04J
919J-6-Red	28	5/16	8	0.58	15	.030	.762	2500	17.2	4.0	102	0.165	0.25	80C-T06J
919J-8-Red	28	13/32	10.5	0.68	17	.030	.762	2000	13.8	5.0	127	0.202	0.3	80C-T08J
919J-10-Red	28	1/2	12.5	0.78	20	.030	.762	1500	10.3	6.5	165	0.236	0.35	80C-T10J
919J-12-Red	12	5/18	16	0.91	23	.030	.762	1200	8.3	7.5	191	0.291	0.43	80C-T12J

**Construction:** Smooth bore natural PTFE core tube with a type 304 stainless steel braided wire reinforcement and a red extruded silicone jacket.

**Typical applications:** Transfer lines for most chemicals, coolant lines, adhesive dispensing, compressed air and gases. Areas where a protective cover is required to prevent contamination off of the braided hose. Areas where stainless wire needs protected from fraying. Silicone cover is red and rated for temperatures 450°F and is steam cleanable.

**Temperature range:** -100°F to +450°F (-73°C to +232°C)

## 929 PTFE Hose

## Heavy Wall Low Permeation Hose



HOSE SERIES - DASH SIZE	VACUUM RATING	HOSE I.D.		MAX. HOSE O.D.		WALL THICKNESS		MAXIMUM WORKING PRESSURE		MINIMUM BEND RADIUS		WEIGHT		CRIMP DIE PART NO.
	INCHES/HG	INCHES	MM	INCHES	MM	INCHES	MM	PSI	MPA	INCHES	MM	LBS/FT	KG/M	
929-4	28	3/16	5	5/16	8	.040	1.02	3000	20.7	2.0	51	0.06	0.09	80C-T04N
929-6	28	5/16	8	7/16	11	.040	1.02	2500	17.2	4.0	102	0.13	0.15	80C-T06N
929-8	28	13/32	10.5	9/16	14	.042	1.07	2000	13.8	5.0	127	0.126	0.19	80C-T08N
929-12	12	5/18	16	3/4	19	.048	1.22	1200	8.3	7.5	191	0.186	0.28	80C-T12N
929-16	14	7/8	22	1-1/8	26	.048	1.22	1250	6.9	9.0	229	0.268	0.4	80C-T16H

**Construction:** Smooth bore natural PTFE core tube with a type 304 stainless steel braided wire reinforcement.

**Typical applications:** Instrumentation lines, analyzer sampling lines and for areas that require tight routing.

**Temperature range:** -100°F to +450°F (-73°C to +232°C)



## PTFE HOSE

### 929B PTFE Hose

### Static Dissipative Heavy Wall Low Permeation Hose



HOSE SERIES - DASH SIZE	VACUUM RATING	HOSE I.D.		MAX. HOSE O.D.		WALL THICKNESS		MAXIMUM WORKING PRESSURE		MINIMUM BEND RADIUS		WEIGHT		CRIMP DIE PART NO.
	INCHES/HG	INCHES	MM	INCHES	MM	INCHES	MM	PSI	MPA	INCHES	MM	LBS/FT	KG/M	
929B-4	28	3/16	5	5/16	8	.040	1.02	3000	20.7	2.0	51	0.06	0.09	80C-T04N
929B-6	28	5/16	8	7/16	11	.040	1.02	2500	17.2	4.0	102	0.13	0.15	80C-T06N
929B-8	28	13/32	10.5	9/16	14	.042	1.07	2000	13.8	5.0	127	0.126	0.19	80C-T08N
929B-12	12	5/8	16	3/4	19	.048	1.22	1200	8.3	7.5	191	0.186	0.28	80C-T12N
929B-16	14	7/8	22	1-1/8	26	.048	1.22	1250	6.9	9.0	229	0.268	0.4	80C-T16N

**Construction:** Smooth bore black PTFE core tube with a type 304 stainless steel braided wire reinforcement.

**Typical applications:** Static-Dissipative PTFE black core tube. Transfer line for most chemicals, hot oils, fuel lines, coolant and steam transfer. Compressed air and gases. Adhesive dispensing, paints and coating materials. Applications requiring enhanced permeation resistance.

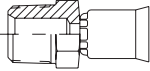
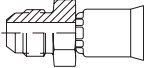
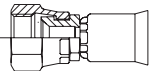
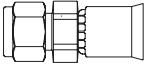
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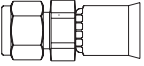
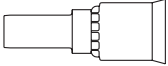
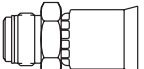
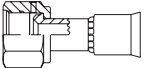


91N Series PTFE Fittings

PTFE HOSE

PTFE FITTINGS

END CONNECTION STYLE	919/929 HOSE STAINLESS FITTING NUMBER	HOSE DASH SIZE
(01) Male Taper Pipe Rigid 	10191N-4-4C	-4
	10191N-6-6C	-6
	10191N-8-8C	-8
	10191N-12-12C	-12
	10191N-16-16C	-16
	10191N-20-20C	-20
(03) Male (JIC) 37° 	10391N-4-4C	-4
	10391N-6-6C	-6
	10391N-8-8C	-8
	10391N-16-16C	-16
(06) Female (JIC) 37° Swivel 	10691N-4-4C	-4
	10691N-6-6C	-6
	10691N-16-16C	-16
	10691N-20-20C	-20
(AL) A-LOK® Compression 	1AL91N-4-4C	-4
	1AL91N-6-6C	-6
	1AL91N-8-8C	-8
	1AL91N-12-12C	-12
	1AL91N-16-16C	-16

END CONNECTION STYLE	919/929 HOSE STAINLESS FITTING NUMBER	HOSE DASH SIZE
(P6) CPI™ Compression (Nut & Ferrule) 	1P691N-4-4C	-4
	1P691N-6-6C	-6
	1P691N-8-8C	-8
	1P691N-12-12C	-12
	1P691N-16-16C	-16
(TU) Tube Stub 	1TU91N-4-4C	-4
	1TU91N-6-6C	-6
	1TU91N-8-8C	-8
	1TU91N-16-16C	-16
	1TU91N-20-20C	-20
(HV) Male VacuSeal 	1HV91N-4-4C	-4
	1HV91N-6-6C	-6
	1HV91N-8-8C	-8
(VH) Female VacuSeal 	1VH91N-4-4C	-4
	1VH91N-6-6C	-6
	1VH91N-8-8C	-8

PTFE ACCESSORIES

HOSE	DASH SIZE	MAX. O.D.	INTERNAL FLAT SPRING	FIRE SLEEVE
919/929	-4	0.32	-	
	5	0.40	-	
	-6	0.46	-	FS-F-8
	8	0.56	2613-13CR	FS-F-10
	-10	0.66	2613-16CR	FS-F-12
	-12	0.79	2613-20CR	FS-F-14
	-16	1.05	2613-28CR	FS-F-20
	-20	1.32	2613-37CR	FS-F-24

Other hose style accessories can be found by visiting [www.Parker.com](http://www.Parker.com)



Fire Sleeves & Flat Springs