

919/919B – PTFE Hose



Features

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

Certifications

- Meets or Exceeds SAE 100R14A - 919
- Meets or Exceeds SAE 100R14B - 919B
- FDA CFR 177.1550 (Natural tube)

Applications/Markets



- Chemical transfer lines
- General hydraulics
- Compressed air/gases
- Adhesive dispensing
- Coolant Lines
- Medical 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		Permanent Fitting Series	Field Attachable Series
#	#													
Natural	Conductive	inch	mm	inch	mm	psi	MPa	inch	mm	inch	lbs./ft.	kg./mtr.		
919-3	-	1/8	3	.25	6	3,000	20.7	1.50	38	28	.04	.06	91	-
919-4	919B-4	3/16	5	.32	8	3,000	20.7	2.00	51	28	.06	.09	91N	90
919-5	919B-5	1/4	6	.38	10	3,000	20.7	3.00	76	28	.09	.13	91N	90
919-6	919B-6	5/16	8	.44	11	2,500	17.2	4.00	102	28	.10	.15	91N	90
919-8	919B-8	13/32	10	.53	13	2,000	13.8	5.00	127	28	.13	.19	91N	90
919-10	-	1/2	13	.63	16	1,500	10.3	6.50	165	28	.15	.22	91N	90
919-12	-	5/8	16	.75	19	1,200	8.3	7.50	191	12	.19	.28	91N	90
919-16	-	7/8	22	1.03	26	1,000	6.9	9.00	229	14	.27	.40	91N	90
919-20	-	1-1/8	29	1.28	33	625	4.3	16.00	406	10	.39	.58	91	90

Construction

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

Operating Parameters

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

Fittings

90 Series - pg. E-45
 91 Series - pg. E-52
 91N Series - pg. E-52
 For Crimp Die Selection charts see pgs. G-30 : G-41
 Crimp information can be found online, for most Parker products, at www.parker.com/crimpsource

Notes

Use hose type 919B with static-dissipative core tube when conveying non-conducting fluids such as oils, paints, fuels, steam, etc.

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

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