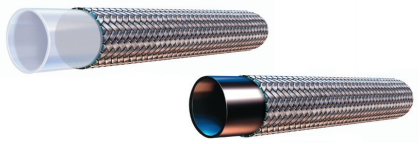
919/919B - SAE 100R14 PTFE Hose
PTFE Core Tube

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

Compliance

- Meets/Exceeds SAE J517 100R14A - 919
- Meets/Exceeds SAE J517 100R14B - 919B
- FDA CFR21 Part 177 compliant core - 919
- DNV Type Approved - 919/919B -4, -6, -8, & -10 only

Construction

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

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

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)

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	919B-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	919B-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	919B-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

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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	Weight		Permanent Fitting Series
Natural	inch	mm	inch	mm	psi	MPa	inch	mm	Hg/73F	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.