

919 – PTFE hose

Performance acc. to SAE 100 R14A



MAIN FEATURES

- **Conforms to requirements of SAE 100R14**
- 100% working pressure at continuous temperatures of 232 °C max.
- Inert to virtually all hydraulic and chemical fluids
- One-piece fittings suitable for the Parker assembly system

APPLICATIONS

Medium pressure service for use with hydraulic fluids at high temperatures, steam and aggressive chemicals in the chemical industry. Especially suitable for the food industry.
The core tube material conforms to FDA 21 CFR177.1550.

CONSTRUCTION

Core tube : Polytetrafluoroethylene
Pressure reinforcement : One braided layer of stainless steel wire (AISI304)

Cover :-

Colour :-

TEMPERATURE RANGE

-73°C up to +232°C

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Part No. #	DN size				mm	Max. working pressure		Min. burst pressure		Min. bend radius	Weight	Fittings
	mm	inch	mm	inch		MPa / psi	MPa / psi	mm	kg/m			
919-4	5	-4	4.7	3/16	7.8	21.0	3,000	84.0	12,000	51	0.09	91N
919-5	6	-5	6.5	1/4	9.5	21.0	3,000	84.0	12,000	76	0.13	91N
919-6	8	-6	7.9	5/16	11.0	17.5	2,500	70.0	10,000	102	0.15	91N
919-8	10	-8	10.5	13/32	13.5	14.0	2,000	56.0	8,000	127	0.19	91N
919-10	12	-10	12.7	1/2	15.9	10.5	1,500	42.0	6,000	165	0.22	91N
919-12	16	-12	15.9	5/8	19.1	8.4	1,200	33.5	4,800	191	0.28	91N
919-16	22	-16	22.2	7/8	26.2	7.0	1,000	28.0	4,000	229	0.40	91N

NOTES

- Vacuum rating: 95 kPa (13.8 psi) size -4 up to -10
40 kPa (5.8 psi) size -12
47 kPa (6.8 psi) size -16

919U – PTFE hose with PU cover

Performance exceeds SAE 100 R14A



MAIN FEATURES

- With polyurethane cover
- Inert to virtually all hydraulic and chemical fluids
- One-piece fittings suitable for the Parker assembly system

APPLICATIONS

Medium pressure service for use with hydraulic fluids at high temperatures and aggressive chemicals in the chemical industry, when **high abrasion resistance** is required. Suitable for the food industry. The core tube material conforms to FDA 21 CFR177.1550.

CONSTRUCTION

Core tube : Polytetrafluoroethylene
Pressure reinforcement : One braided layer of stainless steel wire

Cover : Polyurethane
Colour : black

TEMPERATURE RANGE

-40°C up to +135°C

[Visit the webpage](#)

Part No. #	ID		OD		Wall thickness mm	Max. working pressure MPa / psi		Min. burst pressure MPa / psi		Min. bend radius mm	Weight kg/m	Fittings
	mm	inch	mm	inch								
919U-4	4.8	3/16	9.5	3/8	0.76	21.0	3,000	83.0	12,000	51	0.12	91N
919U-6	7.9	5/16	12.7	1/2	0.76	17.5	2,500	69.0	10,000	101	0.20	91N
919U-8	10.3	13/32	15.9	5/8	0.76	14.0	2,000	56.0	8,000	127	0.22	91N
919U-12	15.9	5/8	21.4	27/32	0.76	8.3	1,200	34.5	5,000	191	0.33	91N
919U-16	22.2	7/8	27.0	1 1/16	0.89	6.9	1,000	27.5	4,000	229	0.47	91N

NOTES

- Vacuum rating: 95 kPa (13.8 psi) size -4 up to -8
 40 kPa (5.8 psi) size -12
 47 kPa (6.8 psi) size -16.
- Cover must be skived prior to fitting attachment.