919 – PTFE hose

Performance acc. to SAE 100 R14A



MAIN FEATURES

- **Conforms to requirements of SAE 100R14**
- 100% working pressure at continuous temperatures of 204 °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

Part No. #	DN	size mm		inch	mm	Max. working pressure MPa / psi		Min. burst pressure MPa / psi		Min. bend radius mm	Weight kg/m	Fittings
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

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