

**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

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Part No.  #	ID mm 	ID inch	OD mm 	OD inch	Wall thickness mm	Max. working pressure MPa / psi 		Min. burst pressure MPa / psi 		Min. bend radius mm 	Weight kg/m 	Fittings 
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.