939/939B – PTFE hose – convoluted



MAIN FEATURES

- Suitable for high temperatures
- Inert to virtually all hydraulic and chemical fluids
- **Extremely flexible and small bend radius**

APPLICATIONS

Medium pressure service for use with hydraulic fluids at **high temperatures** and **aggressive fluids** in the chemical and other industries, when **small bend radii and high flexibility** are required.
The core tube material conforms to FDA 21 CFR177.1550 (except 939B).

CONSTRUCTION

Core tube : Polytetrafluoroethylene, 939B: conductive
Pressure reinforcement : One braided layer of stainless steel wire

Cover : –
Colour : –

TEMPERATURE RANGE -73°C up to +232°C

Part No. #	DN	size mm	size inch	mm	Max. working pressure MPa	Max. working pressure psi	Min. burst pressure MPa	Min. burst pressure psi	Min. bend radius mm	Weight kg/m	Fittings
939/939B-6	10	-06	3/8	15.0	10.3	1,500	41.5	6,000	57	0.18	93N
939/939B-8	12	-08	1/2	20.1	9.5	1,350	37.5	5,400	73	0.31	93N
939/939B-10	16	-10	5/8	22.4	6.9	1,000	27.5	4,000	76	0.36	93N
939/939B-12	20	-12	3/4	27.7	7.5	1,100	30.5	4,400	95	0.47	93N
939/939B-16	25	-16	1	33.8	6.9	1,000	27.5	4,000	127	0.67	93N
939/939B-20	32	-20	1 1/4	44.5	6.9	1,000	27.5	4,000	159	1.04	93N
939/939B-24	40	-24	1 1/2	52.1	5.0	750	21.0	3,000	191	1.18	93N
939/939B-32	50	-32	2	65.0	1.7	250	6.9	1,000	254	1.50	93N

NOTES

- Vacuum rating: 95 kPa (13.8 psi) size -6 up to -16
  67 kPa (9.8 psi) size -20
  40 kPa (5.8 psi) size -24
  17 kPa (2.5 psi) size -32.