939/939B – Convoluted PTFE Hose

Features

- Excellent flexibility
- Exceptional kink resistance

Certifications

- FDA CFR 177.1550 (Natural tube)

Applications/Markets

- Chemical transfer
- General hydraulics
- Hose applications requiring tight routings

Part Number		Nominal I.D.		Maximum O.D.		Maximum Working Pressure		Minimum Bend Radius		Vac. Rating Hg./73°F	Weight		Permanent Fitting Series
#	#												
Natural	Conductive	inch	mm	inch	mm	psi	MPa	inch	mm	inch	lbs./ft.	kg./mtr.	
939-6	939B-6	3/8	10	.59	15	1,500	10.3	2.25	57	28	.12	.18	93N
939-8	939B-8	1/2	13	.79	20	1,350	9.3	2.88	73	28	.21	.31	93N
939-10	939B-10	5/8	16	.88	22	1,000	6.9	3.00	76	28	.24	.36	93N
939-12	939B-12	3/4	19	1.09	28	1,100	7.6	3.75	95	28	.32	.47	93N
939-16	939B-16	1	25	1.33	34	1,000	6.9	5.00	127	28	.45	.67	93N
939-20	939B-20	1-1/4	32	1.75	44	1,000	6.9	6.25	159	20*	.70	1.04	93N
939-24	939B-24	1-1/2	38	2.05	52	750	5.2	7.50	191	12*	.80	1.18	93N
939-32	939B-32	2	51	2.56	65	250	1.7	10.00	254	5*	1.01	1.50	93N

Construction

Tube: 939 - Natural FDA Compliant PTFE
939B - Black Static-Dissipative PTFE
Reinforcement: 304 Stainless Steel braid

Operating Parameters

Temperature Range:
-100°F to +450°F (-73°C to +232°C)
Change in length at working pressure is +2% to -4%
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

93N Series – pg. E-67
For Crimp Die Selection charts see pgs. G-30 : G-41
Crimp information can be found online, for most Parker products, at www.parker.com/crimpsource

Notes

Use hose type 939B with static-dissipative core tube when conveying non-conducting fluids such as oils, paints, fuels, steam, etc.
Not suggested for steam-cold water cycling applications
* 28 in/Hg can be obtained by using 2799 internal spring guard. See pg. F-23

For detailed ordering information, please consult price list or contact Parflex® Division.