

MicroWeld™ Tubing

Series 95FR: Flame Resistant

Weld spatter resistance and excellent flexibility.



Features

- 95 Shore A durometer core tube
- Easily skived flame resistant jacket protects core tube for extended life
- Silicone and halogen free
- Excellent flexibility
- Weld spatter resistant
- Ideal for air/water supply in robotic welding applications

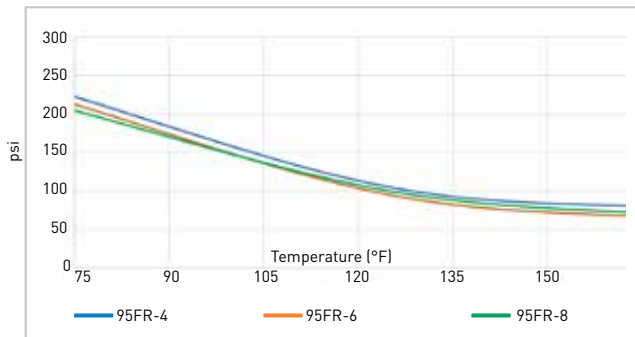
Compliance

- UL-94 V0 compliant jacket material

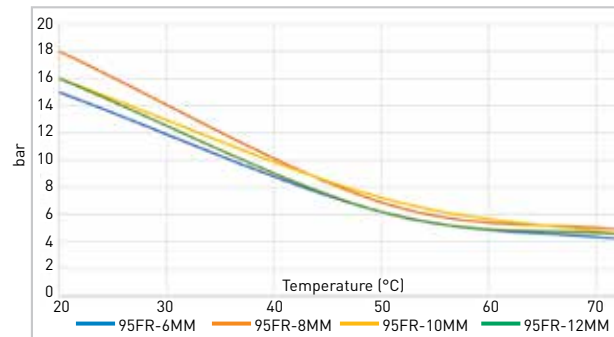
Notes

- Suggested operating temperature range is -40°F (-18°C) to 165°F (74°C) - reference Pressure vs. Temperature charts as pressures are lower at elevated temperatures
- Working pressure and burst pressure are at 73°F (23°C)

MicroWeld Tubing (Series 95FR) Maximum Working Pressure (psi)



MicroWeld Metric Tubing (Series 95FRM) Maximum Working Pressure (bar)



Fittings

Parker Fittings available from:
Fluid System Connectors Division
Otsego, MI

(269) 692-6555
(269) 692-6634 FAX
parker.com/fsc

For approved fittings and/or suggested use of tube supports, reference Tube/Fitting Compatibility Chart (pg. B-8/B-9) or contact Parker Fluid Systems Connectors Division

Order Information

Example: 95FR-4-BLU-0250

95FR-4-BLU-0250 – Flame Resistant Polyurethane

95FR-4-BLU-0250 – Tube O.D. in sixteenths of an inch (1/4")

95FR-4-BLU-0250 – Blue

95FR-4-BLU-0250 – Package Quantity in feet (250')



WARNING

This product can expose you to chemicals including Antimony Oxide (Antimony Trioxide), which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

MicroWeld™ Tubing

Series 95FR: Flame Resistant

Series 95FR: Jacketed, Fire Resistant Polyurethane Tubing

Part Number	Nominal O.D.		Nominal I.D.		Average Wall Thickness		Final Sheath O.D.		Final Sheath Wall Thickness		Working Pressure 73°F (23°C)		Minimum Burst Pressure		Minimum Bend Radius		Weight		Color
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	lbs./ft.	kg/mtr	
95FR-4-XXX-0250	1/4	6.4	.125	3.2	.045	1.1	.340	8.6	.045	1.1	240	16.5	720	49.6	3/4	19.0	.042	.062	● ● ● ● ●
95FR-4-XXX-0500																			● ● ● ● ●
95FR-6-XXX-0250	3/8	9.5	.250	6.4	.062	1.6	.465	11.8	.045	1.1	230	15.9	690	47.6	1	25.5	.069	.103	● ● ● ● ●
95FR-6-XXX-0500																			● ● ● ● ●
95FR-8-XXX-0250	1/2	12.7	.320	8.1	.090	2.3	.590	15.0	.045	1.1	220	15.2	660	45.5	2	51.0	.108	.161	● ● ● ● ●

Series 95FRM: Jacketed, Fire Resistant Metric Polyurethane Tubing

Part Number	Nominal O.D.		Nominal I.D.		Average Wall Thickness		Final Sheath O.D.		Final Sheath Wall Thickness		Working Pressure 73°F (23°C)		Minimum Burst Pressure		Minimum Bend Radius		Weight		Color
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	kg/mtr	lbs./ft.	
95FRM-6MM-XXX-0250	6	.236	4.0	.157	1.00	.039	8.0	.315	1.1	.045	15	218	45	652	20.0	3/4	.057	.038	● ● ● ● ●
95FRM-6MM-XXX-0500																			● ● ● ● ●
95FRM-8MM-XXX-0250	8	.315	5.0	.197	1.50	.059	10.0	.394	1.1	.045	18	261	54	783	22.0	7/8	.085	.057	● ● ● ● ●
95FRM-8MM-XXX-0500																			● ● ● ● ●
95FRM-10MM-XXX-0500	10	.394	6.5	.256	1.75	.069	12.0	.472	1.1	.045	16	232	48	696	26.0	1	.113	.076	● ● ● ● ●
95FRM-12MM-XXX-0500	12	.472	8.0	.315	2.00	.079	14.0	.551	1.1	.045	16	232	48	696	32.0	1-1/4	.144	.097	● ● ● ● ●

Colors

Color Code		
●	BLK	Black
●	BLU	Blue
●	GRA	Gray
●	GRN	Green
●	RED	Red
○	WHT	White



WARNING

This product can expose you to chemicals including Antimony Oxide (Antimony Trioxide), which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.