

95FR MicroWeld™ Tubing

Flame and weld spatter resistant tubing for robotic welding applications.



Parflex 95FR MicroWeld™ Tubing is an ideal option for low to medium pressure air and water supply lines where weld spatter protection is required. The double wall design has a flame resistant jacket made from material that meets the UL94 V-0 standard. The specially formulated jacket material is easy to skive back exposing the core tube for quick insertion into Parker's PrestoWeld or PLM fittings.

With a lightweight design and excellent flexibility, 95FR can be routed through tight spaces for fast and easy installation. Parflex 95FRMicroWeld tubing is available in multiple colors for easy line identification.



Contact Information:

Parker Hannifin Corporation
Parflex Division
1300 North Freedom St.
Ravenna, OH 44266
phone (330) 296 2871
fax (330) 296 8433
www.parker.com/parflex

Product Features:

- UL94 V-0 Flame resistant jacket material
- Excellent flexibility
- Abrasion resistant
- Moisture resistant
- Weld Spatter Resistant
- Grease and Oil Resistant
- Silicone and Halogen free
- Use with Parker PrestoWeld or PLM Fittings



ENGINEERING YOUR SUCCESS.

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)

Fittings

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

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

(269) 692-6555

(269) 692-6634 FAX

parker.com/fsc

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 95FR-4-XXX-0500	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-6-XXX-0250 95FR-6-XXX-0500	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-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 95FRM-6MM-XXX-0500	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-8MM-XXX-0250 95FRM-8MM-XXX-0500	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-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	●●●●○