

# 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 extreme flexibility, 95FR offers a solution for routing in the smallest of spaces, reducing the installation time. The polyurethane core tube offers excellent hydrolytic stability ensuring that it will not degrade when used in water based applications. Parflex 95FR MicroWeld 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](http://www.parker.com/parflex)

## Product Features:

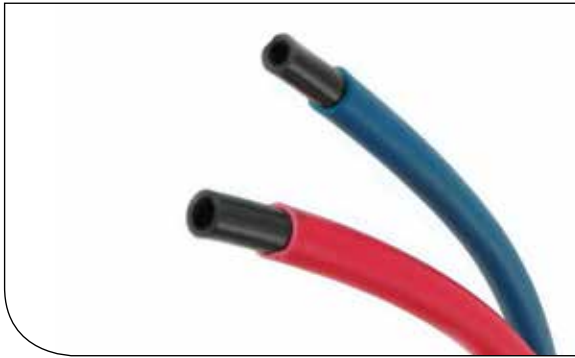
- UL94 V-0 Flame resistant jacket material
- Excellent flexibility
- Abrasion resistant
- Moisture resistant
- Weld Spatter Resistant
- Grease and Oil Resistant
- Silicone and Halogen free
- Use with Parker PrestoWeld or PLM Fittings



ENGINEERING YOUR SUCCESS.

# MicroWeld™ Tubing

## Series 95FR: Flame Resistant



### 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

### Certifications

- UL94 V-0 compliant jacket material

### Applications/Markets



- Robotic Welding
- Pneumatic Systems
- End-of-Arm Tooling
- General Automation
- General Robotics

#### Fractional (Inch)

Part Number	Tube O.D.		Tube I.D. (ref)		Wall Thickness		Final Sheath O.D.		Final Sheath Wall Thickness		Working Pressure at 73°F		Minimum Burst at 73°F		Minimum Bend Radius		Package Quantity	Weight	
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	psi	bar	psi	bar	inch	mm		feet	lbs./ft.
#																			
95FR-4	1/4	6.4	.125	3.2	.045	1.1	.340	8.6	.045	1.1	265	18.3	795	55	3/4	19	250, 500	.042	.062
95FR-6	3/8	9.5	.250	6.4	.062	1.6	.465	11.8	.045	1.1	263	18.1	790	54	1	25	250, 500	.069	.102
95FR-8	1/2	12.7	.320	8.1	.090	2.3	.590	15	.045	1.1	256	17.6	770	53	2	51	250	.108	.161

#### Metric

Part Number	Tube O.D.		Tube I.D. (ref)		Wall Thickness		Final Sheath O.D.		Final Sheath Wall Thickness		Working Pressure at 23°C		Minimum Burst at 23°C		Minimum Bend Radius		Package Quantity	Weight	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch		feet	kg./mtr.
#																			
95FRM-6	6	.236	4	.157	1	.039	8	.315	1.1	.045	15	217	47	682	20	.787	250, 500	.056	.038
95FRM-8	8	.315	5	.197	1.5	.059	10	.394	1.1	.045	19	275	56	812	22	.866	250, 500	.085	.057
95FRM-10	10	.394	6.5	.256	1.75	.069	12	.472	1.1	.045	17	246	51	740	26	1.02	250	.113	.076
95FRM-12	12	.472	8	.315	2	.078	14	.551	1.1	.045	17	246	52	754	32	1.26	250	.144	.097

### Fittings

Parker fittings available from:  
 Fluid System Connectors Division  
 Otsego, MI  
 (269) 692-6555  
 (269) 694-4614 FAX

FSC Product Family:

- PLM
- PrestoWeld

### Notes:

The operating temperature range for service at rated pressures with compatible fluids is -40°F to +165°F (-40°C to +75°C)

### Colors

- See Color Code Table

Additional Color Code		
	BLU	Blue
	BLK	Black
	GRN	Green
	RED	Red
	WHT	White