

▶▶ *Connector*
Express Program

95FR MicroWeld™ Tubing

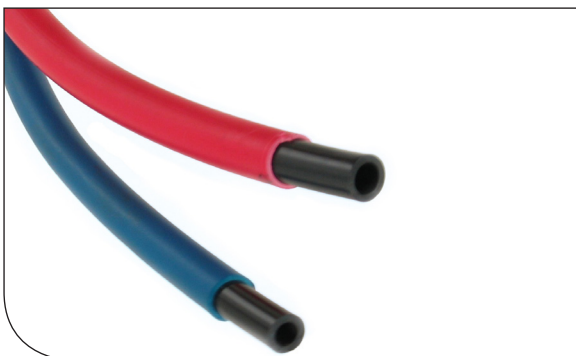
WI-MK161



ENGINEERING YOUR SUCCESS.

MicroWeld™ Tubing

Series 95FR & 95FRM: Flame Resistant



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 Prestolok 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 tubing is available in multiple colors for easy line identification.

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

- UL-94 V0 compliant jacket material

Applications & Markets

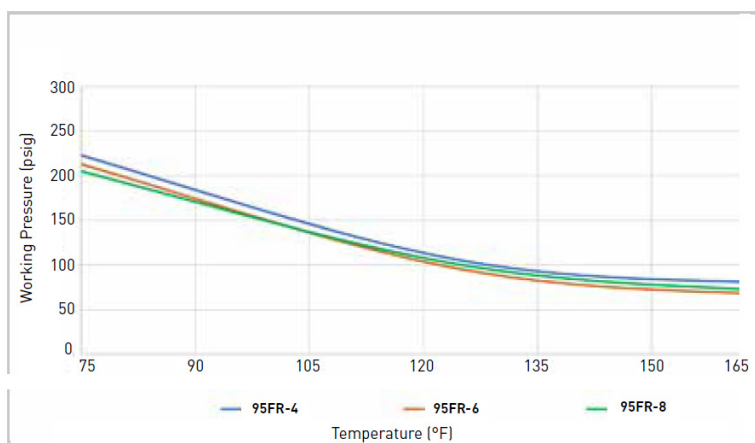
- Robotic Welding
- End-of-Arm Tooling
- General Robotics
- Pneumatic Systems
- General Automation



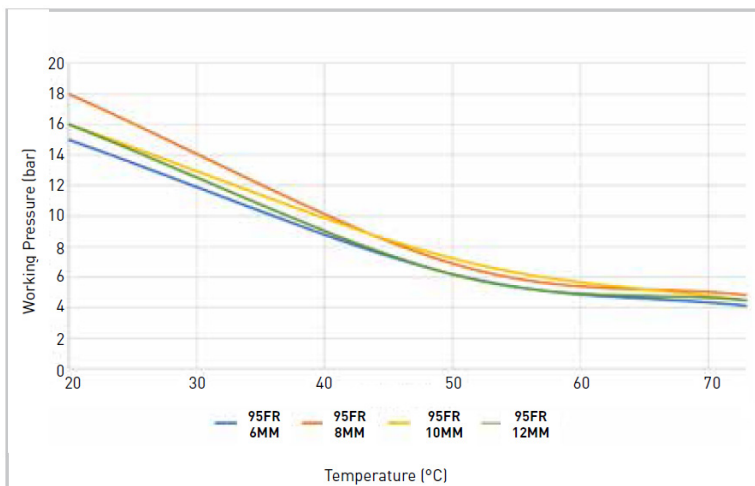
Also Available: Legris Anti-Spark Tubing Skive Tool

Part Number	Weight (kg)
6000 71 00	.098










95FR (Fractional) Maximum Working Pressure Temperature Chart












95FRM (Metric) Maximum Working Pressure Temperature Chart



Fractional (Inch)

Part Number (XXX = Colour Code XXXX = Pkg Length)	Tube O.D.		Tube I.D. (ref)		Wall Thickness		Sheath O.D.		Final Sheath Wall Thickness		Working Pressure at 73° F		Minimum Bend Radius		Package Quantity	Weight	
																	
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	psi	bar	inch	mm	feet	lbs./ft	kg/m
95FR-4-XXX-XXXX	1/4	6.4	.125	3.2	.045	1.1	.340	8.6	.045	1.1	240	17	3/4	19	250, 500	.042	.062
95FR-6-XXX-XXXX	3/8	9.5	.250	6.4	.062	1.6	.465	11.8	.045	1.1	230	16	1	25	250, 500	.069	.102
95FR-8-XXX-XXXX	1/2	12.7	.320	8.1	.090	2.3	.590	15	.045	1.1	220	15	2	51	250	.108	.161

Metric

Part Number (XXX = Colour Code XXXX = Pkg Length)	Tube O.D.		Tube I.D. (ref)		Wall Thickness		Sheath O.D.		Final Sheath Wall Thickness		Working Pressure at 73° F		Minimum Bend Radius		Package Quantity	Weight	
																	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	bar	psi	mm	inch	feet	kg/m	lbs./ft
95FRM-6-XXX-XXXX	6	.236	4	.157	1	.039	8	.315	1.1	.045	15	218	20	.787	250, 500	.056	.038
95FRM-8-XXX-XXXX	8	.315	5	.197	1.5	.059	10	.394	1.1	.045	18	261	22	.866	250, 500	.085	.057
95FRM-10-XXX-XXXX	10	.394	6.5	.256	1.75	.069	12	.472	1.1	.045	16	232	26	1.02	250	.113	.076
95FRM-12-XXX-XXXX	12	.472	8	.315	2	.078	14	.551	1.1	.045	16	232	32	1.26	250	.144	.097

Order Information

Example: 95FR-4-BLU-0250

95FR-4-BLU-0250– High Durometer Polyurethane

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

95FR-4-BLU-0250– Color (Blue)

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

Use with PLM Series fittings from Fluid System Connectors.



Part Number	Std Pkg Qty	Additional Colour Code				
		BLK	RED	BLU	GRN	WHT
95FR (Fractional)						
95FR-4-XXX-0XXX	250'	•	•	•	•	•
	500'					
95FR-6-XXX-0XXX	250'	•	•	•	•	•
	500'					
95FR-8-XXX-0250	250'	•	•	•	•	•
95FRM (Metric)						
95FRM-6-XXX-0XXX	250'	•	•	•	•	•
	500'					
95FRM-8-XXX-0XXX	250'	•	•	•	•	•
	500'					
95FRM-10-XXX-0250	250'	•	•	•	•	•
95FRM-12-XXX-0250	250'	•	•	•	•	•

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Parker Policy WI-MK161

Confidential
Effective Date: February 19, 2019
Issue Date: February 19, 2019

www.parker.com/canada