

83FR - DuraGard™ General Purpose Polyurethane Polyurethane Core Tube

Weld spatter resistant.



Features

- Weld spatter resistant
- Excellent abrasion resistance
- Excellent flexibility
- Compact bend radius
- Specially Formulated Polyurethane tube
- Twin-line or multi-line constructions available

Construction

- Tube: Specially Formulated Polyurethane
- Reinforcement: Fiber
- Cover: Polyurethane

Operating Parameters

- Temperature Range: -20°F (-29°C) to 200°F (93°C)
- Vac. Rating: 28 inch Hg
- Change in length at Max. Working Pressure: +/-2%
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Compliance

- Meets SAE J517 electrical standards (non-conductivity)
- UL94HB compliant
- MSHA compliant cover

Fittings

- 56 Series – pg. E-33 82 Series – Available from Parker Hose Products Division
- For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
- Access instructions are on pg. G-3

Notes

- *Temperature and pressure reduced with 82 series Push-Lok Fitting: -20°F (-29°C) to 145°F (62°C) 175 psi maximum working pressure
- Non-perforated cover
- Correct Part Nomenclature: 83FR-6-XXX-RL, where XXX indicates the color

Color

- ● Black (BLK)
- ● Blue (BLU)
- ● Brown (BRN)
- ● Green (GRN)
- ● Gray (GRA)
- ● Red (RED)

Series 83FR

[Visit the webpage](#)

Part Number	Nominal I.D.		Maximum O.D.		Maximum Working Pressure		Minimum Bend Radius		Weight		Permanent Fitting Series	Push-Lok Fitting*
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs./ft.	kg/mtr		
83FR-3	3/16	5	0.39	9.8	300	2.1	1	25.0	0.04	0.06	56	-
83FR-4	1/4	6.3	0.48	12.2	300	2.1	1	25.0	0.05	0.07	56	82*
83FR-6	3/8	10	0.60	15.2	300	2.1	2	51.0	0.08	0.11	56	82*
83FR-8	1/2	12.5	0.76	19.3	300	2.1	2-1/2	64.0	0.12	0.17	56	82*
83FR-10	5/8	16	0.92	23.3	300	2.1	3-1/2	89.0	0.15	0.22	56	82*
83FR-12	3/4	19	1.04	26.4	300	2.1	3-1/2	89.0	0.19	0.28	56	82*

WARNING

This product can expose you to chemicals including N-Methylpyrrolidone, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.