83FR – DuraGard™ Hose

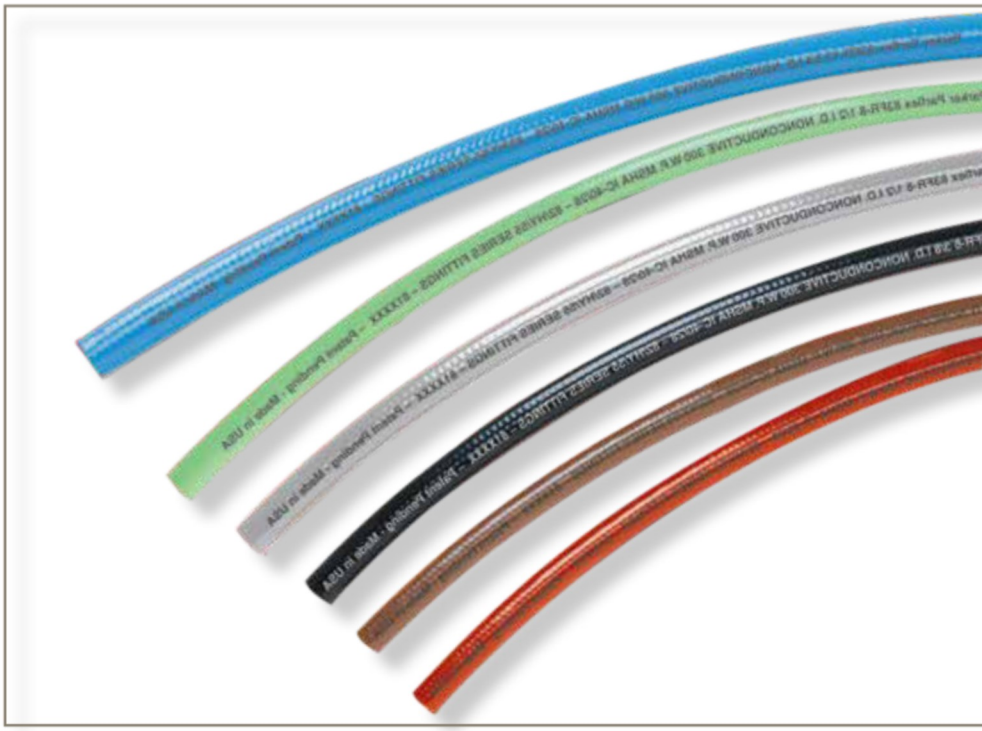
Flame Resistant
Weld Spatter Resistant



Parflex 83FR DuraGard™ represents Parker's most durable abrasion resistant/ flame retardant multi-purpose hose. The MSHA compliant cover is made of high quality, flexible polyurethane, providing the ultimate in abrasion and weld-spatter resistance.

This tough, flame-resistant hose combines superior design with quality materials to deliver reliable, lasting performance. Although lightweight, the hose features a strong, bonded construction, providing excellent kink resistance while minimizing hose fatigue. For your convenience, 83FR offers easy assembly with Parker's vast selection of Push-Lok and crimp fittings and is available in a variety of cover colors and continuous long lengths.

DuraGard™ hose is found on automotive robotics, such as robotic welding machinery, as well as general power tools and shop air lines.



When your application calls for a tough, durable, flame-resistant hose, Parflex 83FR DuraGard™ is exactly what you need.

Contact Information:

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Product Features:

- Weld spatter resistant
- Excellent abrasion resistance
- Extreme flexibility
- Compact bend radius
- Specially formulated polyurethane tube
- Twin-line or multi-line constructions available

Parker

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83FR – DuraGard™ General Purpose Polyurethane



Features

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

Compliance

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

Series 83FR

Visit the webpage

Part Number	Nominal I.D.		Maximum O.D.		Max. Working Pressure 73˚F/ 23˚C		Minimum Bend Radius		Weight		Permanent Fitting Series	Push-Lok Fitting*
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/mtr		
83FR-4	1/4	6.3	0.48	12.2	300	2.1	1	25	0.05	0.07	56	82*
83FR-6	3/8	10	0.60	15.2	300	2.1	2	51	0.08	0.11	56	82*
83FR-8	1/2	12.5	0.76	19.3	300	2.1	2-1/2	64	0.12	0.17	56	82*
83FR-12	3/4	19	1.04	26.4	300	2.1	3-1/2	89	0.19	0.28	56	82*

Construction

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

Fittings

- 56 Series 82 Series – Available from Parker Hose Products Division
- For most Parker products, Crimp Die Selection charts are found online at www.parker.com/crimpsource

Operating Parameters

- Temperature Range: -20˚F (-29˚C) to 200˚F (93˚C)
- Vacuum 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)

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

Color

- Black (BLK)
- Blue (BLU)
- Brown (Brn)
- Gray
- Green
- Red

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