

83FR - DuraGard™ General Purpose Urethane 300 PSI



PTFE Hose & Fittings

Thermoplastic Tubing

Coiled Air Hose, Fittings & Accessories

Truck (Fleet) Products

Tooling & Equipment

Hose Accessories

Technical & Design Information

Approvals & Guides

numeric index

Part Number	I. D.		Max. O. D.		Max. Working Pressure		Min. Bend Radius		Weight		Crimp Fitting		80C Crimp Die	Push-Lok Fitting*	
	#														
hose	inch	mm	inch	mm	wpsi	MPa	inch	mm	lbs/ft	kg/m	series	pg	crimp die	re	pg
83FR-4	1/4	6	.47	12	300	2.1	1.0	25.4	.05	.07	HY*/55	112-128/53-77	P04J	82	*
83FR-6	3/8	10	.59	15	300	2.1	2.0	50.8	.08	.12	HY*/55	112-128/53-77	P06	82	*
83FR-8	1/2	13	.75	19	300	2.1	2.5	63.5	.12	.18	HY*/55	112-128/53-77	P08J	82	*
83FR-12	3/4	19	1.03	26	300	2.1	3.5	88.9	.19	.28	HY*/55	112-128/53-77	P12	82	*

Min. Burst Pressure is 4x Max. Working Pressure

Tube: Specially formulated urethane
Reinforcement: Fiber
Cover: Urethane MSHA approved
Cover Color: Blue, Green
 Black, Gray, Brown, Red
Temperature Range: -20°F to +200°F
 -29°C to +93°C
Vacuum Rating: 28 inch Hg
(Delta) Working Length @ Rated WPSI: ±2%

Special Features:
 Weld spatter resistance
 Extreme flexibility
 Non-conductive (SAEJ343)
 Excellent abrasion resistance
 Small bend radius

* Series HY & 82 fittings available from Hose Products Division

Applications/Markets:
 General purpose air and water hose often used in robotic welding applications