

HFS – Firescreen® Hybrid Hose



Features

- Excellent flexibility
- Consistent long-lengths
- Lightweight
- Compact design

Certifications

- Exceeds SAE 100R1
- Marine Applications (SAE J1942 listed)
- MSHA Accepted

Applications/Markets



- Used in high temperature (to +250° F), medium pressure hydraulic applications
- Mobile equipment
- Machine tools
- Agricultural equipment

Part Number	Nominal I.D.		Maximum O.D.		Maximum Working Pressure		Minimum Bend Radius		Vac. Rating Hg./73°F	Weight		Permanent Fitting Series	Field Attachable Series
	inch	mm	inch	mm	psi	MPa	inch	mm		lbs./ft.	kg./mtr.		
#													
HFS04	1/4	6	.51	13	3,000	20.7	2.00	51	28	.12	.18	43*/HY**	BA
HFS05	5/16	8	.59	15	3,000	20.7	2.25	57	28	.17	.25	HY**	–
HFS06	3/8	10	.67	17	2,500	17.2	2.50	64	28	.19	.28	58/43*/HY**	BA
HFS08	1/2	13	.79	20	2,500	17.2	3.50	89	28	.25	.37	58/43*/HY**	BA
HFS12	3/4	19	1.07	27	1,500	10.3	5.00	127	28	.37	.55	43*/HY**	–
HFS16	1	25	1.37	35	1,250	8.6	10.00	254	28	.53	.79	HY**	–

Construction

Tube: Copolyester
 Reinforcement: One braid of high tensile steel wire
 Cover: Smooth synthetic rubber

Operating Parameters

Temperature Range:
 -40°F to +250°F (-40°C to +121°C)
 (Limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids)
 Change in working length @ Rated WPSI: +2%/-4%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

58 Series – pg. E-12
 BA Series – pg. E-79
 43 Series – (*43 Series Fittings available from Parker Hose Products Division)
 HY Series – pg. E-87 (**HY Fittings available from Parker Hose Products Division)
 For Crimp Die Selection charts see pgs. G-30 : G-41
 Crimp information can be found online, for most Parker products, at www.parker.com/crimpsource

Colors

- Black