

HFS - Firescreen® Hybrid Hose

Exceeds SAE 100R1AT

1250-3000 PSI



Part Number	I. D.		Max. O. D.		Max. Working Pressure		Min. Bend Radius		Weight		Crimp Fitting		80C Crimp Die	Field Attachable Fitting	
	#	inch	mm	inch	mm	wpsi	MPa	inch	mm	lbs/ft	kg/m	series	pg	crimp die	re
HFS04	1/4	6	.50	13	3000	20.7	2.0	51	.12	.18	HY*	112-128	P0580	BA	105-107
HFS05	5/16	8	.58	15	3000	20.7	2.3	58.4	.17	.25	HY*	112-128	P0665	N/A	
HFS06	3/8	10	.66	17	2500	17.24	2.5	64	.19	.28	HY*	112-128	P0740	BA	105-107
HFS08	1/2	13	.77	20	2500	17.24	3.5	89	.25	.37	HY*	112-128	P0845	BA	105-107
HFS12	3/4	19	1.05	27	1500	10.34	5.0	127	.37	.55	HY*	112-128	P1130	N/A	
HFS16	1	25	1.35	34	1250	8.6	10.0	254	.53	.79	HY*	112-128	P1395	N/A	

Min. Burst Pressure is 4x Max. Working Pressure

Tube: Polyester
Reinforcement: One braid of high tensile steel wire
Cover: Smooth synthetic rubber-MSHA approved
Cover Color: Black
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

Vacuum Rating: 28 inch Hg

(Delta) Working Length (Δ) Rated WPSI: +2%/-4%

*Available from Hose Products Division N/A = Not Available

Applications/Markets:

High temperature (to +250°F), medium pressure hydraulic lines on mobile equipment, machine tools, farm machinery, and other industrial applications

Special Features:

Pressures and temperatures above comparable SAE 100R1 requirements
 Compact design

HFS2 - Firescreen II® Hybrid Hose

SAE 100R16 Performance

2000-5000 PSI



Part Number	I. D.		Max. O. D.		Max. Working Pressure		Min. Bend Radius		Weight		Crimp Fitting		80C Crimp Die	Field Attachable Fitting	
	#	inch	mm	inch	mm	wpsi	MPa	inch	mm	lbs/ft	kg/m	series	pg	crimp die	re
HFS204**	1/4	6	.56	14	5000	34.5	2.0	50.8	.21	.31	HY*	112-128	P0625	BA	105-107
HFS206	3/8	10	.66	17	4000	27.6	2.5	63.5	.23	.34	HY*	112-128	P0740	BA	105-107
HFS208	1/2	13	.80	20	3500	24.1	3.5	88.9	.29	.43	HY*	112-128	P0870	BA	105-107
HFS210	5/8	16	.95	24	2750	19.0	4.0	101.6	.38	.57	HY*	112-128	P01015	N/A	
HFS212	3/4	19	1.08	27	2250	15.5	4.8	121.9	.45	.67	HY*	112-128	P1150	BA	105-107
HFS216**	1	25	1.43	36	2000	13.8	6.0	152.4	.80	1.19	HY*	112-128	P1450	BA	105-107

Min. Burst Pressure is 4x Max. Working Pressure

Tube: Polyester
Reinforcement: 1 or 2** braids of high tensile steel wire
Cover: Smooth synthetic rubber-MSHA approved
Cover Color: Black
Temperature Range: -40°F to +212°F*
 -40°C to +100°C*

*Limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids

Vacuum Rating: 28 inch Hg

(Delta) Working Length (Δ) Rated WPSI: +2% / -4%

*Available from Hose Products Division N/A = Not Available

Applications/Markets:

High pressure (similar to SAE 100R2) hydraulic lines on off-road construction equipment, machine tools, mining equipment, and other industrial applications

Special Features:

Light Weight
 Compact

Note: The above hose(s) are not intended for use in static discharge applications; i.e., airless paint spray.

Hydraulic & Pneumatic Hose & Fit.
 PTFE Hose & Fittings
 Thermoplastic Tubing
 Coiled Air Hose, Fittings & Accessories
 Truck (Fleet) Products
 Tooling & Equipment
 Hose Accessories
 Technical & Design Information
 Approvals & Guides
 numeric index