

HFS2R – Hybrid® Hydraulic Hose

Copolyester Core Tube

Compact O.D. for easier change outs and up to 40% lighter than comparable rubber hose.



Features

- Up to 40% lighter than comparable rubber hoses
- Wide range of fluid compatibility
- Compact hose construction
- Bend radius less than half of conventional 100R2 hoses
- Low force to flex

Construction

- Tube: Copolyester
- Reinforcement: One or two high tensile steel wire braids
- Cover: Smooth Synthetic Rubber

Operating Parameters

- Temperature Range:
 - Petroleum based hydraulic fluids and lubricating oils within a temperature range -40°F (-40°C) to 212°F (100°C)
 - Synthetic, synthetic blend, water, and water/oil emulsion hydraulic fluids limited to 185°F (85°C)
 - Water/glycol hydraulic fluids limited to 135°F (57°C)
- Vacuum Rating: 28 inch Hg
- Change in length at Max. Working Pressure: +2% to -4%
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Compliance

- MSHA compliant cover

Fittings

- 56 Series – pg. E-33
- For most Parker products, Crimp Die Selection charts are found online at www.parker.com/crimpsource
- Access instructions are on pg. G-3

Notes

- *Two wire braid
- Non-perforated cover

Color

- ● Black

Series HFS2R

[Visit the webpage](#)

Part Number	Nominal I.D.		Maximum O.D.		Maximum Working Pressure		Minimum Bend Radius		Weight		Permanent Fitting Series
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs./ft.	kg/mtr	
HFS2R04*	1/4	6.3	0.54	13.7	5,076	35.0	2	50.0	0.20	0.29	56
HFS2R06	3/8	10	0.64	16.3	4,061	28.0	2-1/2	63.5	0.20	0.30	56
HFS2R08	1/2	12.5	0.78	19.9	3,553	24.5	3-1/2	88.9	0.26	0.38	56
HFS2R10	5/8	16	0.93	23.6	2,784	19.2	4	100.0	0.34	0.50	56
HFS2R12	3/4	19	1.07	27.2	2,277	15.7	4-3/4	120.0	0.41	0.60	56
HFS2R16*	1	25	1.40	35.6	2,030	14.0	6	150.0	0.73	1.08	56



WARNING

This product can expose you to chemicals including Antimony Oxide (Antimony Trioxide), which is known to the State of California to cause cancer, and 2-Imidazolidinethione, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.