

High Pressure Hydraulics

HTBR Hybrid® Hose



Designed for high pressure hydraulic applications, Parflex HTBR eliminator® Hybrid® hose offers superior performance. State of the art manufacturing and specially developed materials yield four-wire spiral hose performance in a two-wire braid construction. The combination of high pressure capability, more compact O.D. and low force to flex covers a wider range of applications while increasing ease of installation.

Like all Parflex Hybrid® hoses, the durable thermoplastic core provides the cleanest fluid conveyance available and a wider range of chemical compatibility. The durable rubber jacket is MSHA approved and UV & ozone resistant. TOUGHJACKET solution has the ability to transform and enhance current systems.



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Product Features:

- Four-spiral wire hose performance in a high tensile two-wire braid construction
- Excellent flexibility
- Compact design
- 3,500 psi to 7,000 psi working pressures



ENGINEERING YOUR SUCCESS.

HTBR – Eliminator[®] Hybrid[®] Hydraulic Hose



Features

- Four-spiral wire hose performance in a high tensile two-wire construction
- Ideal for applications typically reserved for spiral wire reinforced hoses
- Excellent flexibility
- Compact design

Compliance

- MSHA compliant cover

Series HTBR

[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
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/mtr	
HTBR06	3/8	10	0.72	18.2	5,500	37.9	6	152.4	0.33	0.5	43
HTBR08	1/2	12.5	0.85	21.5	5,000	34.4	7	177.8	0.43	0.63	43
HTBR10	5/8	16	1.01	25.6	4,000	27.5	8	203.2	0.52	0.77	43
HTBR12	3/4	19	1.17	29.6	4,000	27.5	9-1/2	241.3	0.72	1.07	43
HTBR16	1	25	1.45	36.8	3,500	24.1	12	304.8	0.91	1.36	43

Construction

- Tube: Copolyester
- Reinforcement: Two high tensile steel wire braids
- Cover: Smooth Synthetic Rubber

Operating Parameters

- Temperature Range:
 - Petroleum base hydraulic fluids and lubricating oils within 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) **HTB04 is limited to 135°F (57°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)

Fittings

- HY Series / 43 Series - Fittings available from Parker Hose Products Division
- For most Parker products, Crimp Die Selection charts are found online at www.parker.com/crimpsource

Notes

- Non-perforated cover

Color

- ● Black

