



# Heavy Duty Petroleum Discharge Hose

Series ES145

## Custom Made Hose

Series ES145 is a custom designed heavy duty, high pressure discharge hose to handle oil and refined fuels such as biodiesel (to B100 in dedicated service), diesel, ethanol and gasoline. The hose construction incorporates a static wire as a path to conduct an electrical charge to ground. The cover is resistant to abrasion, oil and weathering.

**NOTES:**

- Refer to the table on pages 213-214 for fuel compatibility and service conditions.
- Other customized versions of this product are available. Contact Parker.

- Tube:** Black nitrile
- Reinforcement:** Multiple textile plies with static wire
- Cover:** Black nitrile; wrapped finish
- Temp. Range:** -40°F to +180°F (-40°C to +82°C)
- Brand Method:** Black text on yellow stripe
- Brand Example:** PARKER SERIES ES145 HEAVY DUTY OIL AND GAS HOSE 300 PSI WP MADE IN USA
- Design Factor:** 4:1
- Industry Standards:** None applicable
- Applications:**
  - Biodiesel (to B100 in dedicated service), diesel, ethanol, gasoline, oil
  - High pressure in-plant and storage tank transfer/discharge
  - High pressure bulk loading rail cars and tank trucks; delivery/transport discharge
- Vacuum:** Not recommended
- Packaging:** Coils
- Couplings:** Per customer specifications

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Max Rec WP (psi)	Max Rec WP (bar)	Std Pack Qty (ft)
ES145-1500	1-1/2	38.1	4	2.375	60.3	1.34	0.61	300	21	100
ES145-2000	2	50.8	4	2.875	73.0	1.69	0.77	300	21	100
ES145-3000	3	76.2	4	3.875	98.4	2.34	1.06	300	21	100
ES145-4000	4	101.6	4	4.875	123.8	3.11	1.41	300	21	100
ES145-6000	6	152.4	6	7.063	179.4	5.64	2.56	300	21	100

### ⚠ WARNINGS!

- ▶ Couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the [NAHAD Industrial Hose Assembly Guidelines](#).
- ▶ Do not use for oil or fuel transfer service in or on open water.

