



Petroleum Suction & Discharge Hose

Series SW333

Series SW333 is a medium pressure suction and discharge hose designed to handle oil and refined fuels such as biodiesel (to B100 in dedicated service), diesel, ethanol and gasoline in bulk loading and unloading applications. The hose construction incorporates a dual wire helix that provides full suction capability, kink resistance, and a path to conduct a static electrical charge to ground. The nitrile cover is resistant to abrasion, oil and weathering. Series SW333 is available in 200-foot continuous lengths.

NOTES:

- Refer to the table on pages 213-214 for fuel compatibility and service conditions.
- Do not use Series SW333 in dock service.

Tube:	Black nitrile
Reinforcement:	Multiple textile plies with dual wire helix
Cover:	Black nitrile; wrapped finish
Temp. Range:	-40°F to +180°F (-40°C to +82°C)
Brand Method:	Black text on red stripe
Brand Example:	PARKER SERIES SW333 PETROLEUM SUCTION & DISCHARGE HOSE 250 PSI NOT FOR DOCK SERVICE MADE IN USA
Design Factor:	4:1
Industry Standards:	None applicable
Applications:	<ul style="list-style-type: none"> • Biodiesel (to B100 in dedicated service), diesel, ethanol, gasoline, oil • High pressure in-plant and storage tank transfer • High pressure bulk loading/unloading rail cars and tank trucks, delivery, transport
Vacuum:	Full
Packaging:	Coils

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
SW333-2000	2	50.8	4	2.622	66.6	1.51	0.68	8.0	203.2	250	17.2	*	100	N
SW333-3000	3	76.2	4	3.654	92.8	2.29	1.04	12.0	304.8	250	17.2	*	100	Y
SW333-4000	4	101.6	4	4.842	123.0	3.95	1.79	18.0	457.2	250	17.2	*	100	Y
SW333-6000	6	152.4	4	6.929	176.0	6.22	2.82	30.0	762.0	250	17.2	*	100	Y

* **Couplings:** Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.

** **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

Caution: Not for dock hose service.

⚠️ 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.