



# TITANFLEX® Food Suction Hose Nitrile Tube FDA, PMO, USDA, 3-A Series SW640

Series SW640 is an extremely flexible, kink resistant suction and discharge hose designed to handle dry materials, fatty and oily foods, liquids, sanitary products and potable water in a variety of transfer applications. The hose is manufactured using polished stainless steel mandrels for an ultra-smooth, bacteria-free tube that will not impart taste or odor. The tube cleans easily with 10% alkali bath, hot water, or open-end low pressure steam to 15 psi (1.0 bar). The lightweight 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 and oil.

- Tube:** White nitrile
- Reinforcement:** Multiple textile plies with dual wire helix
- Cover:** Gray nitrile; wrapped finish
- Temp. Range:** -20°F to +225°F (-29°C to +107°C)
- Brand Method:** Gray text on blue stripe
- Brand Example:** PARKER SERIES SW640 TITANFLEX® NITRILE FOOD SUCTION MEETS FDA/3-A/USDA/PMO REQUIREMENTS (3-A LOGO) XXX PSI WP MADE IN USA
  
- Design Factor:** 4:1
- Industry Standards:** FDA, PMO, USDA, 3-A
- Applications:**
  - Fatty and oily foods, liquids, milk, potable water, sanitary products
  - In-plant and tank transfer
  - 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 **
SW640-1500	1-1/2	38.1	2	2.000	50.8	0.95	0.43	5.0	127.0	250	17.2	*	100	N
SW640-2000	2	50.8	2	2.500	63.5	1.29	0.59	6.0	152.4	250	17.2	*	100	N
SW640-2500	2-1/2	63.5	2	3.000	76.2	1.58	0.72	7.0	177.8	200	13.8	*	100	N
SW640-3000	3	76.2	2	3.625	92.1	2.05	0.93	8.0	203.2	200	13.8	*	100	N
SW640-4000	4	101.6	2	4.688	119.1	3.14	1.42	11.0	279.4	200	13.8	*	100	N

\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://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.

**⚠ WARNING!** 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](#).

