



TITANFLEX®

FEP Chemical Hose

FDA, USDA, 3-A

Series SW574

Series SW574 is a flexible, lightweight, premium quality suction and discharge hose designed for use in high temperature, high pressure chemical and purity applications. The fluorinated ethylene propylene (FEP) tube is compatible with 99.5% of commonly used chemicals and solvents, as well as food, pharmaceutical and sanitary materials. The tube also has an elevated temperature rating of 300°F (149°C), will not leach into and contaminate the product being conveyed, and meets FDA, USDA and 3-A requirements. The special construction incorporates a dual wire helix that provides full suction capability, superior force-to-bend and kink resistance and a path to conduct a static electrical charge to ground. The EPDM cover is resistant to abrasion, mild chemicals and ozone.

NOTE: Refer to the [Safety and Technical section](#) of this catalog for safety, handling and use information. Refer to the [Chemical Guide section](#) of this catalog to determine compatibility with specific chemicals. Contact Parker for additional chemical compatibility information.

Tube:	White fluorinated ethylene propylene (FEP)
Reinforcement:	Multiple textile plies with dual wire helix
Cover:	Blue EPDM; wrapped finish
Temp. Range:	-40°F to +300°F (-40°C to +149°C)
Brand Method:	Red text on yellow stripe
Brand Example:	PARKER SERIES SW574 TITANFLEX® FEP CHEMICAL/FOOD QUALITY HOSE XXX PSI MEETS FDA/3-A/USDA REQUIREMENTS (3-A LOGO) MADE IN USA
Design Factor:	4:1
Industry Standards:	FDA, USDA, 3-A
Applications:	<ul style="list-style-type: none"> • Non-fatty and non-oily foods and liquids, potable water, sanitary products • Acids, chemicals, solvents • In-plant and tank transfer, delivery, transport
Vacuum:	Full
Packaging:	Coils

(Continued on the following page)

⚠ WARNINGS!

- ▶ It is the responsibility of the user to determine if the hose is suitable for the application. Most chemical resistance guides are based on temperatures of 70°F (21°C). Elevated temperatures can change the chemical resistance ratings. Many chemicals will become more aggressive as temperatures increase, reducing the ability of hose compounds to withstand them. Contact Parker for chemical compatibility data at elevated temperatures. If no data exists, users are required to perform compatibility testing at the desired temperature.
- ▶ At operating temperatures of 125°F (52°C) and above, only permanently attached couplings should be installed. At any operating temperature, 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 with internally expanded couplings. Refer to chemical hoses that incorporate a MXLPE tube.

Series SW574 – Titanflex® FEP Chemical Hose (Continued)

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 **
SW574-750	3/4	19.1	2	1.281	32.5	0.48	0.22	2.0	50.8	400	27.6	*	100	N
SW574-1000	1	25.4	2	1.469	37.3	0.52	0.24	2.5	63.5	400	27.6	*	100	N
SW574-1500	1-1/2	38.1	2	2.031	51.6	0.81	0.37	4.0	101.6	300	20.7	*	100	N
SW574-2000	2	50.8	2	2.531	64.3	1.11	0.50	6.5	165.1	300	20.7	*	100	N
SW574-3000	3	76.2	2	3.688	93.7	2.17	0.98	12.0	304.8	200	13.8	*	100	N
SW574-4000	4	101.6	2	4.688	119.1	3.03	1.37	18.0	457.2	200	13.8	*	100	N

* **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.

