SANDPIPER®

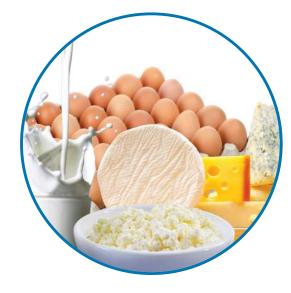
FOOD, BEVERAGE & SANITARY PUMPS



Your One Stop Shop For FDA Compliant Pumps

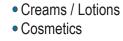
MARKETS & APPLICATIONS

Applications: Product Transfer / Tank Over, Filling Lines, Blending and Mixing, and Ingredient Injection



PERSONAL CARE

- Hair Gel
- Shampoo
- Soap
- Perfumes



- Antiseptics
- Hair dye



PHARMACEUTICAL

 Chemicals • Deionized Water

 Alcohol Acids



FOOD & BEVERAGE

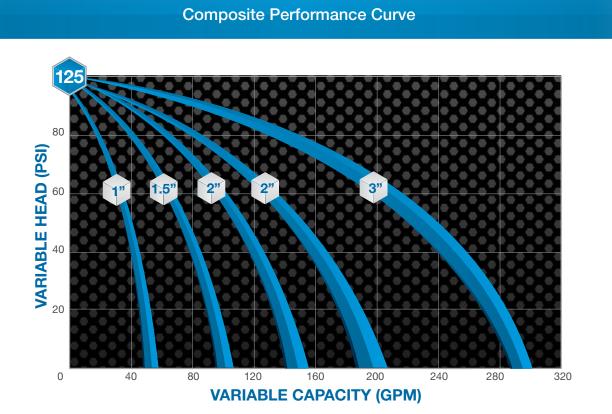
- Salsa
- Chili
- Soy Sauce
- Beer & Wine
- Juice Concentrates
- Corn Oils / Syrups

- Edible Oils Chocolate
- Salad Dressing
- Mayonnaise
- Condiments
- Tomato Sauce



T-Series FDA Compliant Pump Features

- Available in 1" 3" sizes
- All Bolted Construction
- Stainless Steel Wetted
- White Epoxy Coated **Aluminum Non-Wetted** (Stainless Steel Available 1-1/2" - 3")
- Sanitary Clamp Connections
- PTFE, FDA Nitrile, FDA Santoprene Diaphragms



3A Certified Pumps Available Upon Request

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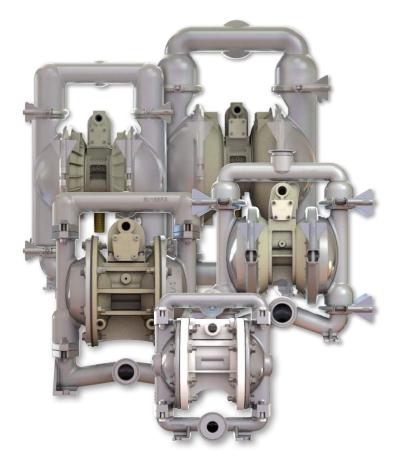




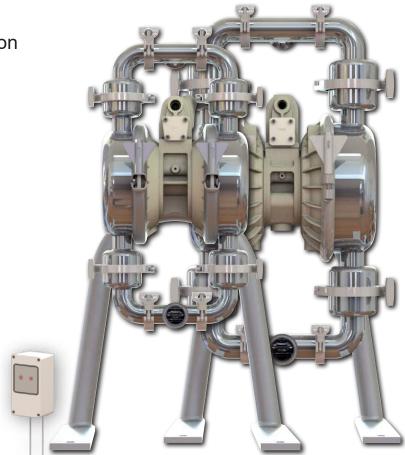
F-Series FDA Compliant Pump Features

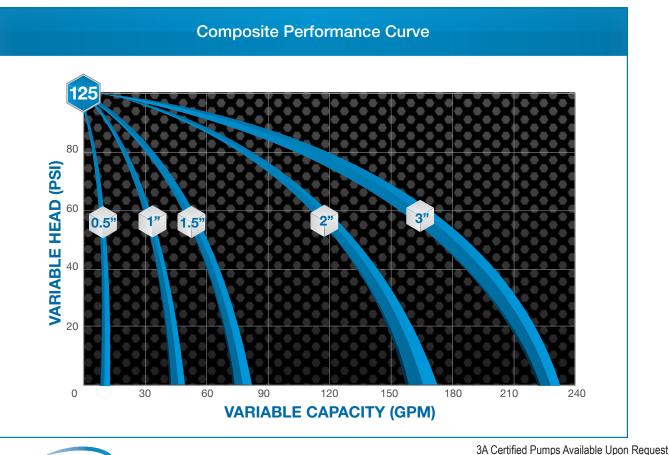
F-Series – Sanitary Pump Features

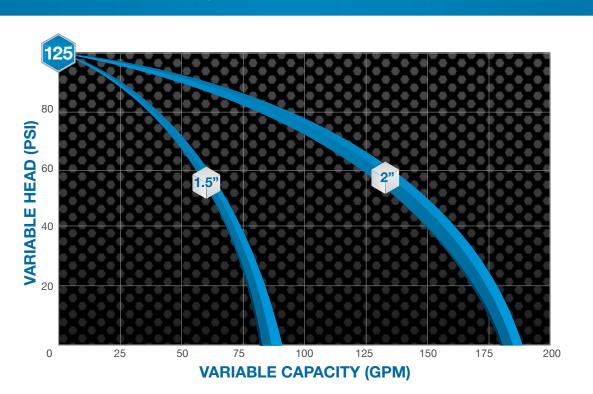
- 1/2" 1" All Bolted Construction
- 1-1/2" 3" Clamped Construction
- Electropolished Stainless Steel Wetted
- Nickel Plated Aluminum Non-Wetted (Polypropylene & Stainless Steel Available Certain Models)
- PTFE, FDA Hytrel, FDA Santoprene Diaphragms
- Sanitary Clamp Connections



- 1-1/2" & 2" Clamped Construction
- Stainless Steel Wetted
- Polished Stainless Steel
 Construction
- Nickel Plated Non-Wetted (Stainless Steel Available)
- Sanitary Clamp Connections
- Clean-In-Place Rotating Stand
- Available with 3A Certification with addition of Leak Detector







3A Certified Pumps Available Upon Request



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Composite Performance Curve

SANDPIPERPUMP.COM SANDPIPER

SANITARY & FOOD PUMPS

Technical Specifications

Offering an extensive range of products engineered to perform in your most demanding applications

| | FDA COMPLIANT FDA COMPLIANT | | | | | | | | SANITARY | | | |
|---|--|--|---|--|--|--|---|--------------------------|--|--|---------------------------------------|---|
| PUMP GUIDE | | | | | | | | | | | Â | |
| MODEL | F05 | F10 | T1F | F15 | T15 | F20 | T20 | TSA2 | F30 | Т30 | F15C | F20C |
| Port Size (Internal) | 1/2" (12.7 mm) | 1" (25.4 mm) | 1" (25.4 mm) | 1 1/2" (38 mm) | 1 1/2" (38 mm) | 2" (50.8 mm) | 2" (50.8 mm) | 2" (50.8 mm) | 3" (76.2 mm) | 3" (76.2 mm) | 1 1/2" (38 mm) | 2" (51 mm) |
| Maximum Flow Rate (GPM / LPM) | 0-12 gpm (0-45.4 lpm) | 0-49 gpm (0-185.5 lpm) | 0-45 gpm (0-170 lpm) | 0-71 gpm (0-268 lpm) | 0-106 gpm (0-401 lpm) | 0-185 gpm (0-700 lpm) | 0-200 gpm (0-758 lpm) | 0-208 gpm (0-787 lpm) | 0-234 gpm (0-886 lpm) | 0-285 gpm (0-1,079 lpm) | 0-86 gpm (0-325 lpm) | 0-179 gpm (0-677 lpm) |
| Check Valve Type | Ball | Ball | Ball | Ball | Ball | Ball | Ball | Flap | Ball | Ball | Ball | Ball |
| Pump Construction | Bolted | Bolted | Bolted | Clamped | Bolted | Clamped | Bolted | Bolted | Clamped | Bolted | Clamped | Clamped |
| Solids Handling -Up to- | 1/16" | 1/8" | 1/4" | 3/16" | 1/4" | 1/4" | 1/4" | 2" | 3/8" | 3/8" | 3/8" | 5/8" |
| Wetted Materials | 316 Stainless Steel | 316 Stainless Steel | 316 Stainless Steel | 316 Stainless Steel | 316 Stainless Steel | 316 Stainless Steel | 316 Stainless Steel | 316 Stainless Steel | 316 Stainless Steel | 316 Stainless Steel | 316 Stainless Steel | 316 Stainless Steel |
| Air Section Materials | Polypropylene Nickel Plated Aluminum | Nickel Plated Aluminum Polypropylene | Epoxy Coated Aluminum | Nickel Plated Aluminum | Epoxy Coated Aluminum Stainless Steel | Nickel Plated Aluminum Stainless Steel | Epoxy Coated Aluminum Stainless Steel | Epoxy Coated Aluminum | Nickel Plated Aluminum Stainless Steel | Epoxy Coated Aluminum Stainless Steel | Nickel Plated Aluminum | Nickel Plated Aluminum Stainless Steel |
| Surface Treatment | Electropolished Internally & Externally | Electropolished Internally & Externally | As Cast No Polish | Electropolished Internally & Externally | As Cast No Polish | Electropolished Internally & Externally | As Cast No Polish | As Cast No Polish | Electropolished Internally & Externally | As Cast No Polish | Polished Internally & Externally | Polished Internally & Externally |
| Wetted Casting Surface Finish, Ra | Ra 125 μ-in (3.175 μ-m) | Ra 125 μ-in (3.175 μ-m) | Ra 125 μ-in (3.175 μ-m) | Ra 125 μ-in (3.175 μ-m) | Ra 125 µ-in (3.175 µ-m) | Ra 125 μ-in (3.175 μ-m) | Ra 125 μ-in (3.175 μ-m) | Ra 125 μ-in (3.175 μ-m) | Ra 125 μ-in (3.175 μ-m) | Ra 125 μ-in (3.175 μ-m) | 32 μ-in (Ra 0.8 μ-m) | 32 μ-in (Ra 0.8 μ-m) |
| Pump Construction Solids Handling -Up to- Wetted Materials Air Section Materials Surface Treatment Wetted Casting Surface Finish, Ra Diaphragm Material | PTFE One-Piece* Hytrel Santoprene® | PTFE One-Piece* Hytrel Santoprene® | PTFE w/ Backer PTFE One-Piece* Nitrile Santoprene® | PTFE w/ Backer Hytrel Santoprene® | PTFE w/ Backer PTFE One-Piece* Santoprene® | PTFE w/ Backer PTFE One-Piece* Hytrel Santoprene® | PTFE w/ Backer PTFE One-Piece* Nitrile Santoprene® | Nitrile | PTFE w/ Backer PTFE One-Piece* Hytrel Santoprene® | PTFE w/ Backer Nitrile Santoprene® | PTFE One-Piece* Hytrel | PTFE One-Piece* Hytrel Santoprene® |
| Connection Size / Type | 1 1/2" Sanitary Clamp | 1 1/2" Sanitary Clamp | 1 1/2" Sanitary Clamp | 2" Sanitary Clamp | 2" Sanitary Clamp | 2 1/2" Sanitary Clamp | 2 1/2" Sanitary Clamp | 2 1/2" Sanitary Clamp | 3" Sanitary Clamp | 3" Sanitary Clamp | 1 1/2" Sanitary Clamp | 2" Sanitary Clamp |
| Cleaning / Sanitizing Methods | Clean Out of Place (COP) | Clean Out of Place (COP) | Clean Out of Place (COP) | Clean Out of Place (COP) | Clean Out of Place (COP) | Clean Out of Place (COP) | Clean Out of Place (COP) | Clean Out of Place (COP) | Clean Out of Place (COP) | Clean Out of Place (COP) | Clean Out of Place (COP) Drainable | Clean Out of Place (COP) Drainable |
| Certifications | | | | | | | | FDA | | | | |

Note: See service manual for complete specifications.

Santoprene® is a registered tradename of Exxon Mobil Corp *One Piece PTFE NOT EC 1935 Certified



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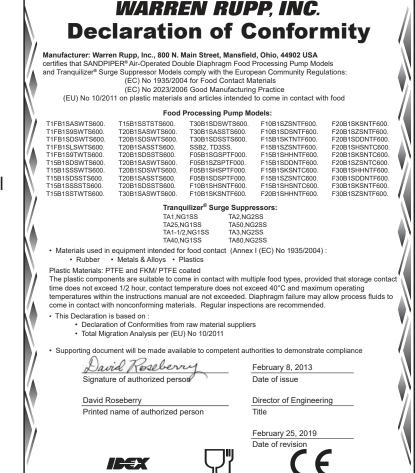


BECAUSE ENSURING FOOD SAFETY IS PARAMOUNT YOU CAN TRUST THE PERFORMANCE FACILITY TO SANDPIPER

 Pumps manufactured with FDA Compliant materials and certified to EC 1935/2004 for Food Contact Material



The best solution to your pumping challenge. Our technical team has been solving the industry's most challenging pumping needs for over 50 years





Delivering the pumps you need when you need them. We have the best lead times in the industry



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SP_HygienicBro-rev0519



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