



FINISH THOMPSON INC.

SANITARY PUMPS

FDA-compliant drum and centrifugal pumps are specially designed with FDA-compliant materials for use in sanitary applications. Multiple styles and performance levels are available to meet the many needs of the food, pharmaceutical, and other hygienic industries.



FDA Compliant PF Series – High Performance Solutions

- Available models PFS-B & PFS-BTC with buna o-rings
- Length: 27" (69 cm), 40" (102 cm), 48" (122 cm), 60" (152 cm), & 72" (183 cm)
- Available Motors: Open, TEFC, Explosion Proof, Air
- Tube Diameter: 2" (5.1 cm)
- Discharge: 1" (2.54 cm) hose barb (PFS-B) or welded Tri-Clamp Connection (PFS-BTC)
- Maximum Viscosity: up to 2,000 cps
- Maximum Discharge: 80 ft (24 m)
- Maximum Flow: 40 gpm (151 lpm)
- Maximum Specific Gravity: up to 1.8
- Temperature Range: -20° F (-29° C) to 220° F (105° C)



FDA Compliant TT Series – Medium Viscosity Solutions

- Available model STTS with Fluorosint seal
- Length: 40" (102 cm)
- Available Motors: Open, TEFC, Explosion Proof, Air
- Tube Diameter: 1-1/2" (3.8 cm)
- Discharge: 1" (2.54 cm) hose barb (STTS) or welded Tri-Clamp Connection (STTS-TC)
- Maximum Viscosity: up to 2,000 cps
- Maximum Discharge: over 30 ft (9 m)
- Maximum Flow: 16 gpm (61 lpm)
- Maximum Specific Gravity: up to 1.8
- Temperature Range: -10° F (-23° C) to 150° F (66° C)

Common Sanitary Applications:

Food

- Soy sauce
- Caramel color
- Barbeque sauce
- Plant oils
- Fruit juice
- Milk
- Vinegar
- Wine
- Juice concentrate
- Corn syrup
- Honey
- Molasses
- Spirits
- Diced tomatoes
- Ketchup
- Gravy
- Mustard
- Fruit pieces in liquid

Personal Care & Pharmaceutical

- Bath gels
- Liquid soaps
- Shampoo
- Glycerin
- Hand cream
- Suntan lotion
- Ointments
- Aloe Vera gel
- Clay facial mask
- Toothpaste
- Propylene glycol
- Glycerin
- Sodium hydroxide
- Fluoride
- Dyes
- Fragrance additive
- Formaldehyde
- Water
- Fish oil

FDA Compliant HVDP Series

– High Viscosity Solutions

- Available models HVDP-HR16, HVDP-LR4, & HVDP-LR5 with buna seal, o-rings and stator
- Length: 27" (69 cm), 40" (102 cm), & 48" (122 cm)
- Available Motors: Open, TEFC, Explosion Proof, Air
- Tube Diameter: 2" (5.1 cm)
- Discharge: 1-1/2" (3.8 cm) or 2" (5.1 cm) hose barb or welded Tri-Clamp Connection
- Maximum Viscosity: up to 100,000 cps
- Maximum Discharge: over 300 ft (91 m)
- Maximum Flow: HR - 9 gpm (32 lpm)
LR - 7 gpm (27 lpm)
- Maximum Specific Gravity: up to 1.8
- Temperature Range: -20° F (-29° C) to 180° F (82° C)



FDA Compliant AP Series

- Closed System Solutions

- Models AC4, 5, 6, & 8 with buna seal and o-ring
- Standard sand-blasted finish; electro-polish available on request
- NPT & BSP threaded connections standard; welded flanges and tri-clamp connections available upon request
- NEMA or IEC motor adapter frames
- ATEX Certified
- Port Size: AC4 - 3/4" x 1/2" (1.91 cm x 1.27 cm)
AC5 - 1-1/4" x 3/4" (3.18 cm x 1.91 cm)
1-1/2" x 1-1/4" (3.81 cm x 3.18 cm)
2" x 1-1/2" (5.08 cm x 3.81 cm)
1/2" x 1/4" (1.27 cm x 0.64 cm)
AC6 - 1-1/2" x 1-1/4" (3.81 cm x 3.18 cm)
2" x 1-1/2" (5.08 cm x 3.81 cm)
1-1/4" x 3/4" (3.18 cm x 1.91 cm)
AC8 - 1-1/2" x 1-1/4" (3.81 cm x 3.18 cm)
2" x 1-1/2" (5.08 cm x 3.81 cm)
1-1/4" x 3/4" (3.18 cm x 1.91 cm)
- Maximum Viscosity: up to 300 cps
- Maximum Discharge: up to 89 ft (91 m)
- Maximum Flow: up to 145 gpm (548 lpm)
- Maximum Specific Gravity: up to 1.8
- Temperature Range: -40° F (-40° C) to 300° F (149° C)

