



# FDA COMPLIANT MATERIALS PUMPS

## PF, TT, HVDP, & AP SERIES

**FDA-compliant (non-sanitary) drum and centrifugal pumps** are specifically constructed of materials safe for food, beverage, pharmaceutical and cosmetic processes where 3A or USDA standards are not required.



### FDA Compliant PF Series – High Performance Solutions

- Available models PFS-B & PFS-BTC with buna o-rings and PFS-P with Perlast 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 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
- Electro-polish finish
- 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 (33 m³/h)
- Maximum Specific Gravity: up to 1.8
- Temperature Range: -40° F (-40° C) to 300° F (149° C)



Disclaimer: Finish Thompson hygienic pumps are constructed of materials in compliance with American Food and Drug Administration (FDA), Code of Federal Regulations (Food and Drugs), 21 CFR Part 177.1550 and Ordinance (EC) 1935/2004. Our pumps are intended for use in food, beverage, pharmaceutical and cosmetic applications where sanitary certification by agencies as 3A, FDA, and USDA are not required. Our pumps are not intended as a replacement for sanitary pumps where such certifications are required.



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