



**FINISH THOMPSON INC.**

## ATEX Certified High Performance Drum Pump

Sealless drum pump with unique double suction impeller certified for container-to-container transfer of flammables or combustibles.

**Features:** 316 stainless steel tube

- Explosion proof electric or air motors
- Perlast® (perfluoroelastomer/FFKM) o-rings
- Threaded or hose barb discharge connections
- 1.2 m grounded hose with grounded wire assembly
- ATEX Ex II 1/2G c II CT5..T4 certified

**Applications:** acetone, alcohol, toluene, xylene, mineral spirits, diesel fuel, kerosene, gasoline, etc.

Perlast® is a registered trademark of Precision Polymer Engineering Limited.



**Tube Lengths**

27" (69cm), 40" (102cm), 48" (122cm), 60" (152cm), 72" (183cm)

**Construction Specifications**

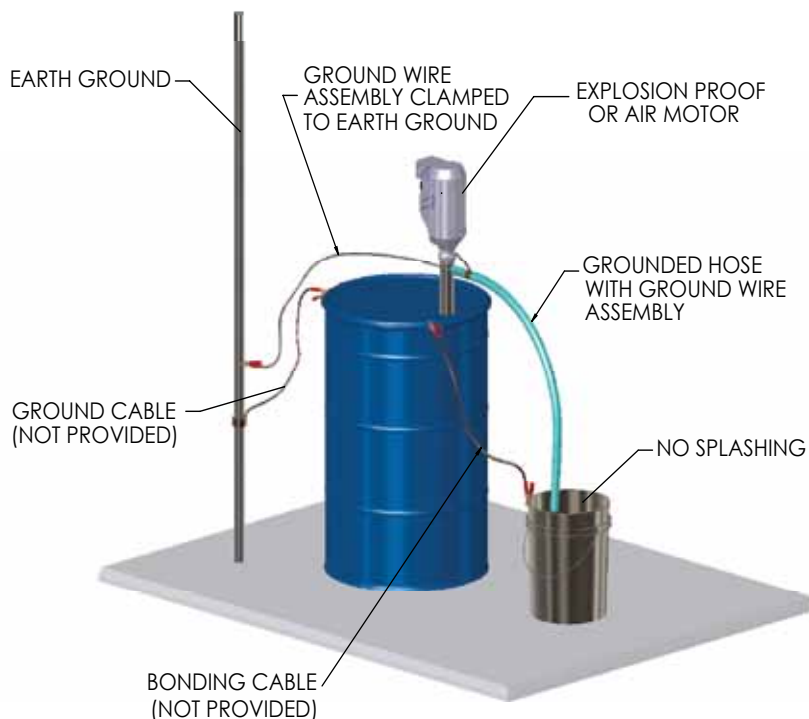
Pump Model	Construction Materials	Tube Dia.	Discharge	Hose Size	Max. Temp.		Min. Temp.	
		in (cm)	Size & Type	in (cm)	°F	°C	°F	°C
PFS	316 Stainless Steel, Perlast, ETFE	2 (5.1)	1" Hose Barb	1 (2.54)	220	105	5	-15

**Performance Data**

Maximum Flow		Maximum Head		Max. Specific Gravity	Max. Viscosity	
Electric gpm (lpm)	Air gpm (lpm)	Electric ft (m)	Air ft (m)		Electric	Air
7 (26)	7 (26)	80 (24)	38 (11.6)	1.8	500 cP	330 cP

Consult FTI's Chemical Resistance Chart (<http://www.finishthompson.com/downloads/drum-pumps/technical-flyers>) before selecting pump material.

### Explosion-proof Installation



Need help choosing a pump?  
Use the handy online Pump Selector at:  
[www.finishthompson.com](http://www.finishthompson.com).



## MOTOR DATA



Model	Description	Type	Certification	Electrical Requirements	Power		RPM	Max. Viscosity cP
					HP	W		
<b>ATEX Certified Electric Motors</b>								
M10XA	Suitable for use in hazardous areas, ideal for flammable liquids. TEFC housing. 12ft. (3.5m) cord, internal circuit breaker. Continuous duty rated.	Exp-proof Class I, Div I, Group D	CE, ATEX Ex II 2G Ex IIA T4	230VAC/50-60 Hz	4/5	640	10,000	500
<b>ATEX Certified Air Motors</b>								
M6A	Lightweight. Operates from customer-supplied compressed air source. Variable speed. Muffler and control valve.	Air	CE/ATEX Ex II 5GDc + ICTa+40C	up to 5.6 bar @ 12.5 lps	1/2	370	300-9,000	330
M6XA			CE/ATEX Ex II 5GDc + ICTa+40C	up to 7 bar @ 12.5 lps	3/4	560	300-6,000	330

## STATIC PROTECTION KIT



Description	Non-Wetted Materials	Hose ID	Hose OD	Fitting Size	Fitting Type
Synthetic rubber cross-linked polyethylene (XLPE) with brass hose fittings and grounding wire	Synthetic rubber with imbedded grounding wire	1" (25.4 mm)	1.47" (37.3 mm)	1" (25.4 mm)	NPT or Barb

**NOTE:** ATEX compliance requires use of a Static Protection Kit.

