



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.



AtEx100

Tube Lengths

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

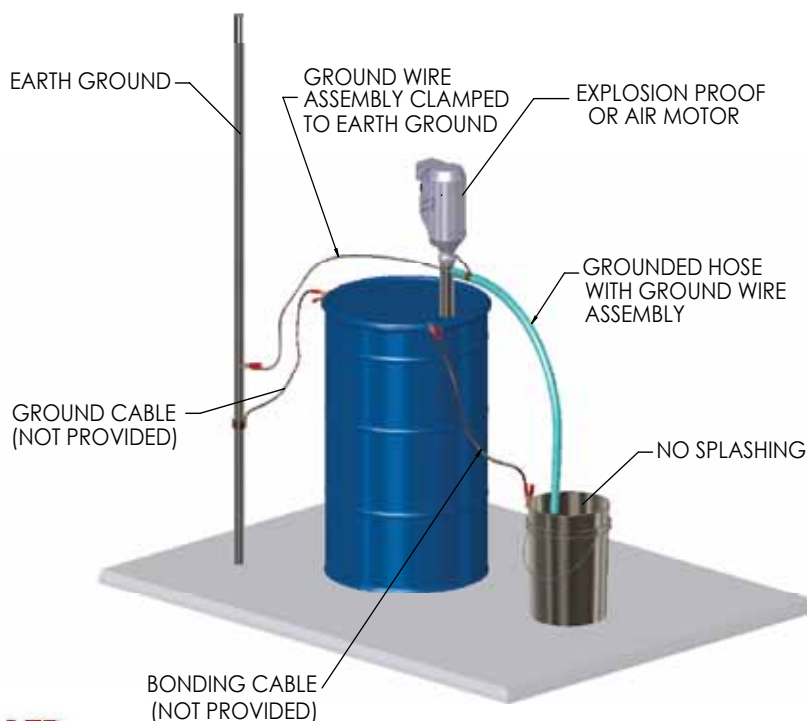
Construction Specifications

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

Explosion-proof Installation



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Need help choosing a pump?
Use the handy online Pump Selector at:
www.finishthompson.com.



MOTOR DATA



Model	Description	Certification	Electrical Requirements	Input	Output	RPM	Maximum Viscosity cP
				W	W		

ATEX Certified Electric Motors

M10X	Suitable for use in hazardous areas, ideal for flammable liquids. TEFC housing. 12ft. (3.5m) cord, internal circuit breaker. Continuous duty rated. Class I, Div I, Group D	CE, ATEX Ex II 2G Ex IIA T4	230VAC/50-60 Hz	640	400	10,000	500
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ATEX Certified Air Motors

M6A	Lightweight. Operates from customer-supplied compressed air source. Variable speed. Muffler and control valve.	CE/ATEX Ex II 5GDc + ICTa+40C	up to 5.6 bar @ 12.5 lps	-	400	300-9,000	330
M6XA		CE/ATEX Ex II 5GDc + ICTa+40C	up to 7 bar @ 12.5 lps	-	600	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.

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