

ECO Series

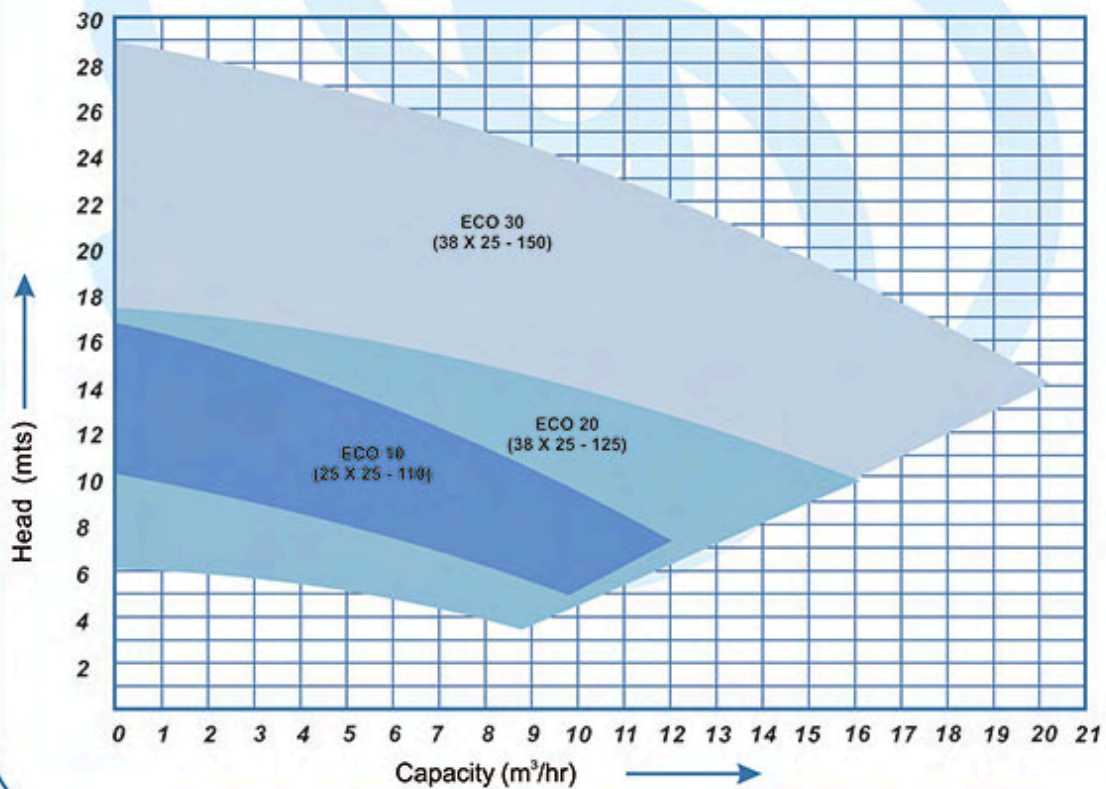
MOCs available:

1. Polypropylene
2. PVDF

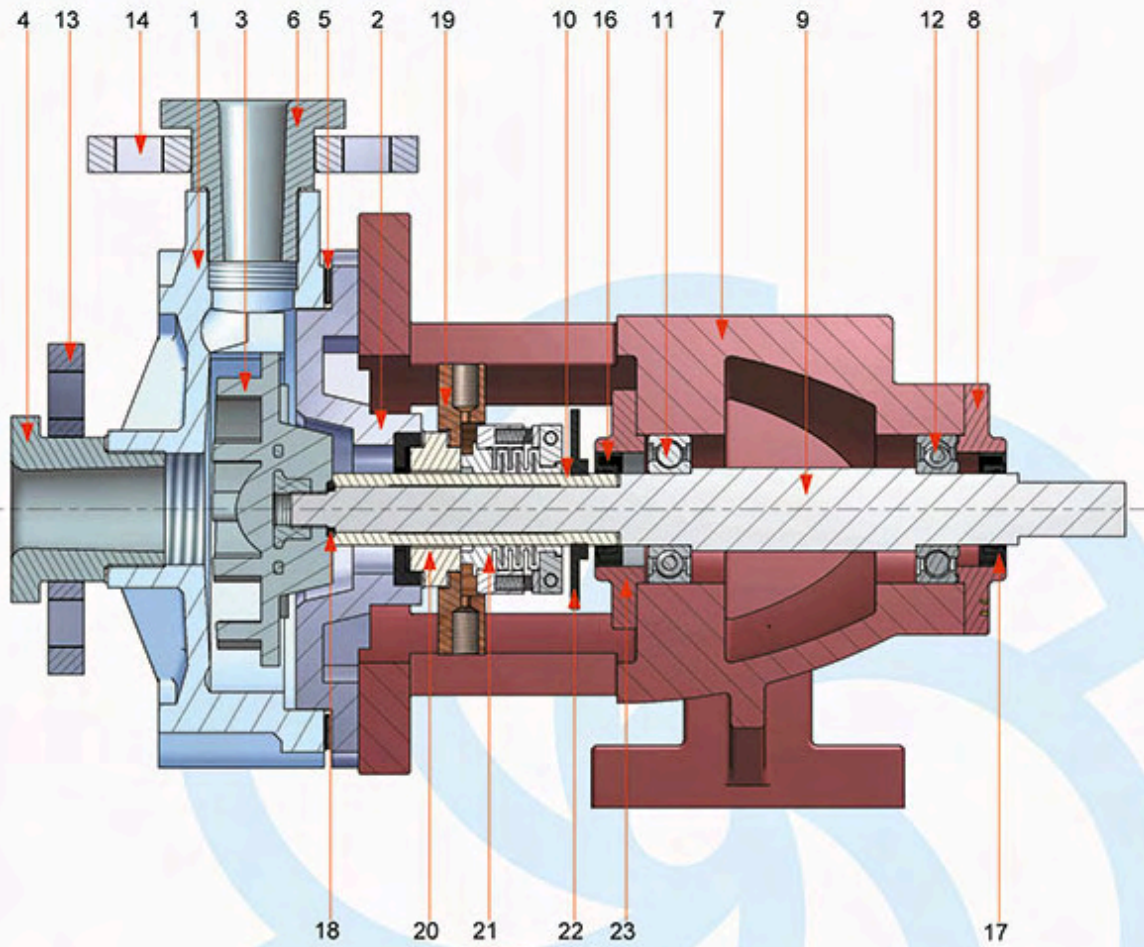


Performance Curves

Characteristic Curves at 2900 RPM



Cross Section of ECO Series Pumps



ECO PART LIST

PART NO	DESCRIPTION	M.O.C.	QTY
1	CASING LINER	PVDF	1
2	BACK PLATE	PVDF	1
3	IMPELLER	PVDF	1
4	SUCTION STUB	PVDF	1
5	ENVELOP GASKET	PTFE+RUBBER	1
6	DELIVERY STUB	PVDF	1
7	BEARING BLOCK	CAST IRON	1
8	BACK SIDE BEARING COVER	CAST IRON	1
9	SHAFT	MS / SS	1
10	SHAFT SLEEVE	CERAMIC	1
11	BALL BEARING INBOARD	-	1
12	BALL BEARING OUTBOARD	-	1
13	SUCTION FLANGE	PP	1
14	DELIVERY FLANGE	PP	1
15	COOLING NIPPLE FOR HYLAM (1/4" BSP)	PP	2
16	OIL SEAL	NEOPRENE	1

Pump Model		ECO 10	ECO 20	ECO 30
Mould	Casing	9	8	8
	Impeller	7	9	11
Thickness	Back Plate	12	11	12
	Threading For Impeller	1/2"UNF	3/4"UNF	

PART NO	DESCRIPTION	M.O.C.	QTY
17	OIL SEL	NEOPRENE	1
18	"O" RING IMPELLER	NEOPRENE	1
19	LOCATING FLANGE	HYLAM	1
20	STATIONARY RING	CERAMIC	1
21	ROTARY UNIT OF MECH. SEAL	GFT / SIC	1
22	DEFLECTOR	PP	1
23	FRONT SIDE BEARING COVER	CAST IRON	1
24**	BOLT (FOR FRONT & BACK SIDE BEARING COVER)	STEEL	1
25**	BOLT WITH PP HEAD (FOR HYLAM)	SS WITH PP NUT	1
28**	COUPLING	CAST IRON	1
28CG**	COUPLING GUARD	PP / MS / GI	1
29**	DRIP PAN TRAY FOR PUMP	PP	1
30**	BASE PLATE	MS FAB	1
31	CASING HARDWARE	SS	1

Industries Served

Steel Pickling Plants

Pickling acid recirculation, Rinse recirculation
Spent/Waste acid transfer, Fresh acid transfer.

Acid Regeneration Plants

Concentrated waste pickle liquor, Pickle liquor,
Fresh acid transfer

Pesticide & Insecticide Plants

Various kinds of toxic & hazardous chemicals
with or without slurries

Caustic Chlorine Plants

HCL loading/unloading, Chloride destruction,
Analyte blowdown, Drying tower.

Dyes and Intermediates Plants

Acidic chemicals with slurries, Filter press
application

Pharmaceutical and Bulk Drug

Pure to slightly contaminated, Toxic, Explosive
or Environmentally harmful media such as
acids, alkalis and solvents.

Environmental

Industrial waste water treatment (ETP),
Scrubber recirculation.

Our Factory



Salient features where Fluorolined pumps excel over others:

- ❑ Factory fitted robust base frames (FRP coating option available) with shims and level arrangement bolts for better alignment.
- ❑ PP coupling guards and drip trays which take care of acidic fumes and leakages.
- ❑ Excellent epoxy paint finish to protect against external corrosion.
- ❑ An option for **OSHA STD** coupling guards.
- ❑ The advantage of two piece power frame is that at the time of seal leakage only the adaptor needs to be changed and not the entire power frame.
- ❑ Bearing protectors (Labyrinth Seals) are provided as an optional feature.



ASK

the Expert NOW!

Our Answers to Competitor's questions:

Competitors : Lower HP

Our Answer: Kindly run and test the pump at your end to evaluate. Maintaining lower clearances results in melting of PVDF parts due to heat generated with acids pumping; resulting in failing and damage of parts.

Competitors : Closed or semi-open with nut design for wrong rotation.

Our Answer: Nut is an additional joint which leads to leakage through O-rings resulting in acid penetrating into the shaft area ultimately damaging the entire pump. Closed impeller leads to clogging in slurry applications affecting the pump performance.



Fluorolined TM
Equipment Pvt. Ltd.

Works:

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WARRANTEE CLAUSE : We stand guarantee only for the genuinity of PVDF Resin used in our pumps but do not stand guarantee for any kind of chemical, physical, & toxicological effects on the same by the liquid handled with our pumps. Since the conditions of handling and use are beyond our control, we make no guarantee of results. We assume no liability for injuries, damages or penalties resulting from its use whether or not our recommendations are followed. Our recommendations are only on the basis of our past experience and should not be taken as guarantee.



ISO 9001 : 2008
CERTIFIED COMPANY

As development is a continuous process any changes in specifications is made without notice