

A photograph of an astronaut in a white spacesuit floating in space. The astronaut is positioned on the right side of the frame, with their arms slightly out. The background is a vast, deep blue Earth with white cloud patterns. On the left side, the metallic structure of a spacecraft or space station is visible, showing various panels, pipes, and equipment. The lighting is bright, suggesting direct sunlight from the upper right.

MAGNATEX[®]

Pumps, Inc.

"when leakage is not an option"

TEXEL[®]

Lined Sealless Pumps

Texel® ME Series

Texel ME Series Pumps

Dependable, durable Texel lined magnetic drive pumps from Magnatex are the solution for corrosive fluid-transfer applications. These pumps provide a lifetime of maintenance-free operation with the added benefit of low total cost of ownership. Benefits include:

- Sealless magnetic drive
- Flows to 90 GPM and heads to 140 FT
- High-strength, rare-earth magnets
- Inner magnet assembly totally encapsulated
- Close-coupled design
- Wet ends are ETFE or PVDF-lined cast iron
- Non-metallic rear casing (no hysteresis losses)

Simplified Maintenance

ME Series pumps are engineered for easy assembly and disassembly. The light, compact rotor is supported by a single bearing, thus reducing parts stocking requirements and maintenance costs. Close-coupled configuration eliminates the need for pump-to-motor spacer couplings, coupling guards and motor alignment, while utilizing standard C-face motors.

Minimal Parts/Maximum Interchangeability

ME Series Specifications

| | |
|-----------------------|-------------------|
| Maximum Flow | 90 GPM |
| Maximum Head | 140 FT |
| Temperature | 32° to 195° F |
| Maximum Power..... | 3 HP |
| Working Pressure..... | 150 PSIG |
| Materials..... | ETFE, PVDF Lining |
| Connections | 150 LB RF |
| Bearings | CPTFE, SiC |
| Impeller..... | Closed |
| Speeds | 1800/3600 RPM |
| Magnets..... | Neodymium |
| Motor | “C” Face |

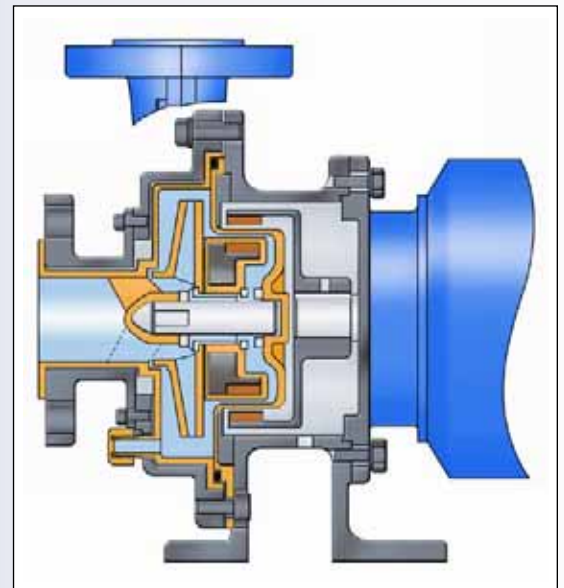


For superior reliability and long life, the ME Series pump utilizes a limited number of wetted components. A standard non-rotating shaft supports a fully encapsulated magnet and fully enclosed impeller. The single rotating bearing is available in a variety of materials for full process compatibility. A PVDF or ETFE rear casing, backed by a fiberglass reinforced plastic shell, supplies high strength containment without sacrificing corrosion resistance.

High Efficiency

A non-metallic containment shell eliminates hysteresis losses associated with metallic containment shells.

From a large pharmaceutical firm in Indiana: “Texel ME Series ETFE lined pumps in 50% sulfuric acid service control corrosion and prevent leakage to the atmosphere. This concentration of H₂SO₄ is extremely corrosive and will severely attack practically every metal used in pumps. The Texel pumps are reliable and leak-free.”



Texel® MTA Series

Texel MTA Series Pumps

Today's industrial processes demand pump reliability and efficiency, especially when faced with the issues associated with handling extremely corrosive organic acids, bases, alcohols, hydrocarbons and halogens. That's why Magnatex offers Texel MTA Series Pumps for the most severe services. The MTA series pumps ensure maximum safety, efficiency and performance when transferring toxic, corrosive or expensive fluids due to a sealless, magnetic drive design featuring a PFA fluoropolymer lining and ANSI compatibility.

The Texel MTA Series Pumps are designed with process industry requirements in mind. The heavy-duty materials of construction and proven design make it suitable for use in operations where leakage is not an option.

The MTA series pumps are available in three space-saving, close-coupled models. Benefits include:

- Conforms to ANSI B73.3 standards
- Durable PFA lining provides superior chemical resistance
- Inner magnet assembly is totally encapsulated in PFA, eliminating any seams or welds
- Unique dovetail design ensures stability of the liner during pressure/temperature fluctuations

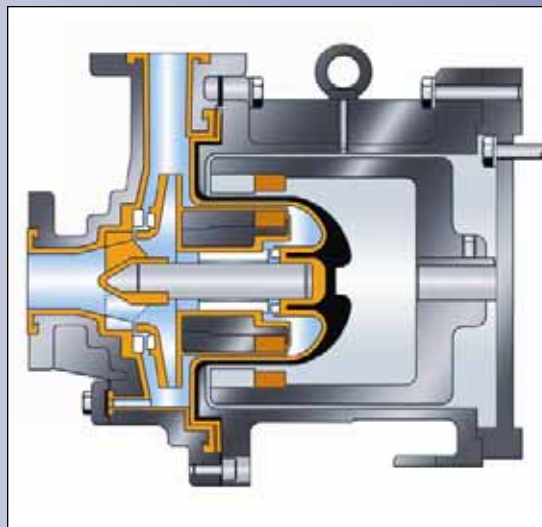


- Transfer compression molding ensures uniform thickness and maximum resistance to permeability
- Sealless magnetic drive provides leak-free performance
- Wet ends are PFA-lined ductile iron

PFA Lining

The superior performance of the MTA Series is due to the PFA fluoropolymer lining, the lining design and the molding process. PFA is a fluorinated thermoplastic renowned for its exceptional resistance to virtually all corrosive chemicals.

The MTA Series design incorporates a dovetail construction to lock the lining in the casing to ensure lining stability even in extreme pressure/temperature fluctuations. Additionally, the state-of-the-art transfer compression molding process ensures a thick, uniform lining with a smooth surface to maximize chemical and abrasion resistance.



“A large southeastern engineering firm wanted a high performance, cost-effective sealless pump for difficult service in a major wastewater treatment facility. The firm could not compromise quality at the possible expense of losing the client. They specified Magnatex Texel MTA pumps because of their PFA lining, dovetail lining design and overall rugged construction. The client continues to be extremely satisfied with all of the pumps' performance and maintenance-free operation.”

MTA Series Specifications

| | |
|-----------------------|------------------------------|
| Maximum Flow | 320 GPM |
| Maximum Head | 285 FT |
| Temperature | 32° to 250° F |
| Maximum Power..... | 25 HP |
| Working Pressure..... | 150 PSIG |
| Materials..... | PFA Lining |
| Connections | 150 LB RF |
| Bearings | CPTFE, GPTFE, SiC and Carbon |
| Impeller..... | Closed |
| Speeds | 1800/3600 RPM |
| Magnets..... | Neodymium |
| Motor | “C” Face |