



STANDARD

Drum & Container Pumps

Corporate Profile



Distribution Center



Molding Facility

Throughout our history we have been recognized for our commitment to product quality, customer care, and market knowledge. Headquartered outside Atlanta, Georgia USA, STANDARD PUMP, INC continues to build a global team of factory certified distributors which currently expands to fifty-eight countries.

STANDARD pumps are commonly used throughout the: Chemical Processing, Waste Water Treatment, Plating, Medical, Semi-Conductor, Agriculture, and Petroleum industries worldwide.

Our new state of the art 80,000 sq. ft (25,000 sq. meters) Production Facility enables STANDARD to meet or exceed the demands of the market by producing the highest quality product. In addition, all products undergo stringent quality control review during the molding process at our "turn-key" molding facility. All pumps are manufactured according to safety guidelines set forth by agencies such as Demko and Underwriter's Laboratory in order to ensure the highest quality product and most importantly - your safety.



Production Facility

Table of Contents

The background of the page features a faded, grayscale image of industrial equipment. It includes several large cylindrical tanks, some with pumps or agitators mounted on top. The equipment is arranged in a way that suggests a factory or industrial setting. The text of the table of contents is overlaid on this background.

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QUALITY MATERIALS FOR INDUSTRIAL APPLICATIONS

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Polypropylene is a high quality industrial strength plastic. Polypropylene is commonly used in a variety of industries, due to it's chemical resistance & durability.

Maximum Temperature:
130°F / 55°C

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Stainless steel 316 is a high quality metal typically used in applications involving solvent-based flammable liquids. In addition, stainless 316 is used in the food/beverage industry.

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Polyvinylidene fluoride (PVDF) is a high quality industrial strength plastic. PVDF is commonly used in applications where concentrated, aggressive liquids are present.

Maximum Temperature:
175°F / 80°C

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Teflon® is a high quality plastic material that provides excellent chemical resistance and durability. In addition, Teflon® provides excellent heat deflection.

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Hastelloy C is high grade metal used for a variety of applications requiring excellent strength and chemical resistance. Commonly used in applications requiring "intrinsically safe materials" while preventing chemical attack.

V
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Viton® is a quality material that provides chemical resistance. Viton® is an excellent choice for sealing applications throughout a variety of industries.

Applications



Drums & Barrels



Laboratory



Large Storage Vessels



Small Storage Vessels

Markets Served



CHEMICAL PACKAGING



WASTE WATER TREATMENT



CHEMICAL MANUFACTURING

PLATING

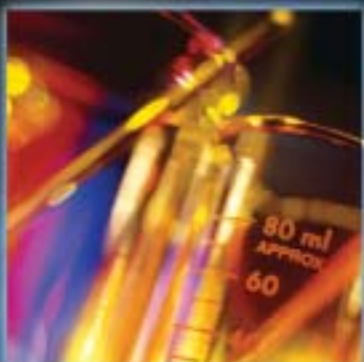
SEMI-CONDUCTOR

PHARMACEUTICAL



AGRICULTURE

PETROLEUM



www.standardpump.com

Drum Pump Motors

Engineered for use in corrosive environments. Ideally suited for transferring acids and alkalis.

Model	Enclosure	Power	Watt	V.F.D
SP-ODP	O.D.P	115/1/50-60	450	No
SP-ODP-2	O.D.P	230/1/50-60	450	No

Warning: Not Suitable For Pumping Flammable or Combustible Liquids

NOTE: V.F.D = Variable Frequency Drive

SP-ODP Series



Engineered for use in corrosive environments. Ideally suited for transferring acids and alkalis.



Model	Enclosure	Power	Watt	V.F.D
SP-280P	O.D.P (IP44)	115/1/50-60	825	No
SP-280P-V	O.D.P (IP44)	115/1/50-60	825	Yes
SP-280P-2	O.D.P (IP44)	230/1/50-60	825	No
SP-280P-2-V	O.D.P (IP44)	230/1/50-60	825	Yes

Warning: Not Suitable For Pumping Flammable or Combustible Liquids

NOTE: V.F.D = Variable Frequency Drive

SP-280P Series



Engineered for use in heavily corrosive environments or when aggressive fumes are present. Ideally suited for transferring concentrated acids and alkalis.



Model	Enclosure	Power	Watt	V.F.D
SP-ENC	T.E.F.C (IP 54)	115/1/50-60	825	No
SP-ENC-V	T.E.F.C (IP 54)	115/1/50-60	825	Yes
SP-ENC-2	T.E.F.C (IP 54)	230/1/50-60	825	No
SP-ENC-2-V	T.E.F.C (IP 54)	230/1/50-60	825	Yes

Warning: Not Suitable For Pumping Flammable or Combustible Liquids

NOTE: V.F.D = Variable Frequency Drive

SP-ENC Series



Drum Pump Motors

SP-400 Series



Engineered for use hazardous duty locations. Ideally suited for transferring flammable/combustible liquids.



Model	Enclosure	Power	Watt	V.F.D
SP-400-2	EXP	230/1/50-60	825	No
EEx de IIA T5 EN 50014				
96D.119 509 EN 50018				

See warning at bottom of page.

SP-A2 Series



Engineered for hazardous duty locations or when air is the desired power source. Ideally suited for transferring flammable/combustible liquids.



Model	Consumption	Max. Inlet Pressure	Output
SP-A2	28 CFM@90 psi	100 psi	3/4 hp
	13.2 L/sec @ 6.2 bar	6.8 bar	560 w

See warning at bottom of page.

SP-A1 Series



Engineered for hazardous duty locations or when air is the desired power source. Ideally suited for transferring flammable/combustible liquids.



Model	Consumption	Max. Inlet Pressure	Output
SP-A1	22 CFM@90 psi	100 psi	1/2 hp
	10.4 L/sec @ 6.2 bar	6.8 bar	370 w

WARNING: Pumping of flammables or combustible liquids can generate a static electric discharge, causing fire or explosion resulting in injury or death. Read and understand operating instructions before starting this unit. Follow all federal, state and local safety codes including NFPA 30 - NFPA77. Prior to connecting to air supply, install bond and ground wires and check continuity of each wire. A meter reading of one ohm or less is required for safe liquid transfer. Use only metallic drum, receiving vessel and metallic pump (SP-SS) when pumping flammables. Air motors are not recognized under any current Underwriter's Laboratory listing program. Consult a qualified engineer for suitability for use in a hazardous area or on flammables.

CPVC Series

STANDARD's CPVC pump tube is engineered for transferring corrosive chemicals associated with the water treatment industry. Robust CPVC offers excellent durability and chemical resistance.

APPLICATIONS

- Sodium Hypochlorite ➤ Calcium Hydroxide ➤ Potassium Hydroxide
- Calcium Chloride ➤ Chlorinated Water ➤ Sodium Bromide

TECHNICAL DATA

Design: Seal-less / Centrifugal

Maximum Temp: 190°F/90°C

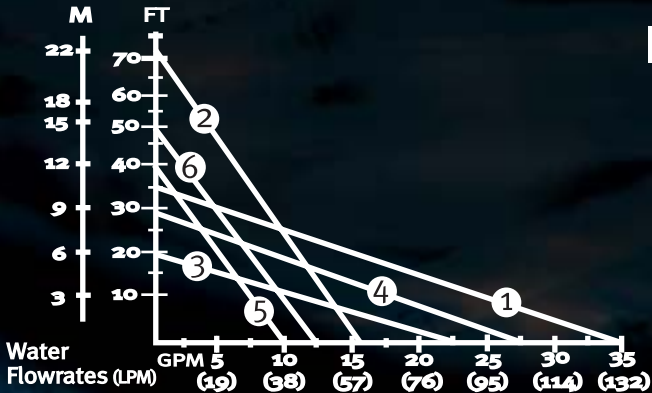
Viscosity: 1500 Cps/mPas (280, ENC, 400)
750 Cps/mPas (A-2, ODP)
450 Cps/mPas (A-1)

Wetted Materials: CPVC
Carbon
Hastelloy

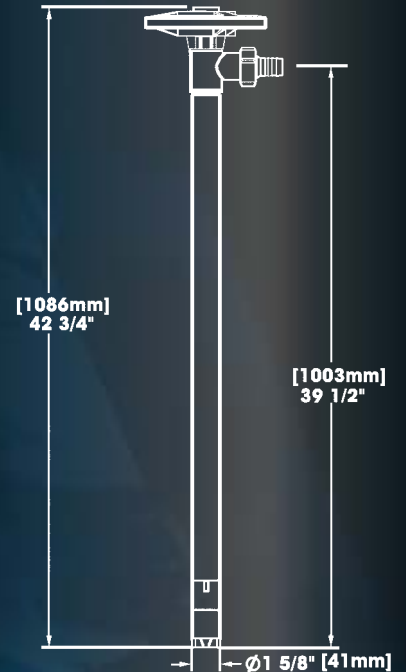
Discharge Options: 1" (25mm) barb
3/4" (22mm) barb

Maximum Specific Gravity: 1.8

Model	Tube Assembly	Length	Shaft	Impeller
SP-CPVC-27	CPVC	27" (700 mm)	Hastelloy	High Volume
SP-CPVC-39	CPVC	39" (1000 mm)	Hastelloy	High Volume
SP-CPVC-47	CPVC	47" (1200 mm)	Hastelloy	High Volume
SP-CPVC-60	CPVC	60" (1400 mm)	Hastelloy	High Volume
SP-CPVC-72	CPVC	72" (1800 mm)	Hastelloy	High Volume
SP-CPVC-HH-27	CPVC	27" (700 mm)	Hastelloy	High Pressure
SP-CPVC-HH-39	CPVC	39" (1000 mm)	Hastelloy	High Pressure
SP-CPVC-HH-47	CPVC	47" (1200 mm)	Hastelloy	High Pressure
SP-CPVC-HH-60	CPVC	60" (1400mm)	Hastelloy	High Pressure
SP-CPVC-HH-72	CPVC	72" (1800 mm)	Hastelloy	High Pressure



! Not suitable for pumping flammable or combustible liquids



Polyvinylidene fluoride Series

STANDARD's PVDF pump tube is engineered for transferring highly concentrated aggressive liquids. Robust PVDF offers excellent durability and chemical resistance.

APPLICATIONS

- Concentrated Nitric Acid
- Sulfuric Acid-66 Baume
- Sodium Hypochlorite
- Hydrofluoric Acid
- Propionic Acid
- Stearic Acid

TECHNICAL DATA

Design: Seal-less / Centrifugal

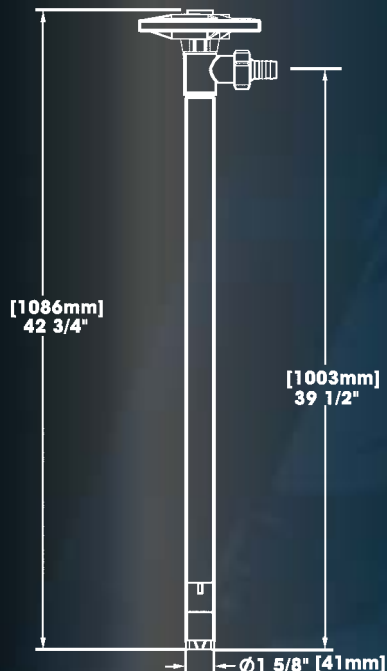
Maximum Temp: 175°F/80°C

Viscosity: 1500 Cps/mPas (280, ENC, 400)
750 Cps/mPas (A-2, ODP)
450 Cps/mPas (A-1)

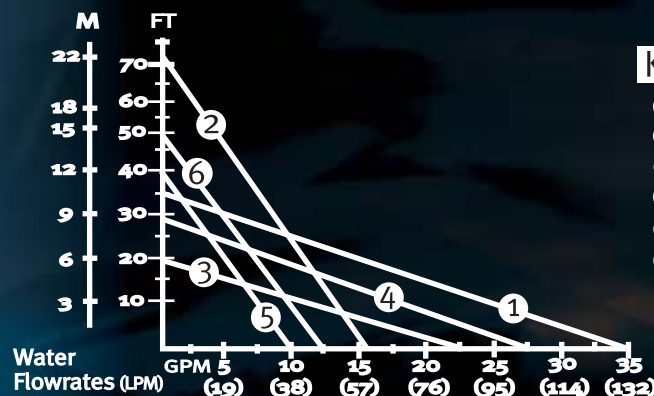
Wetted Materials: PVDF
Carbon
Hastelloy

Discharge Options: 1" (25mm) barb
3/4" (22mm) barb

Maximum Specific Gravity: 1.8



Model	Tube Assembly	Length	Shaft	Impeller
SP-PVDF-27	PVDF	27" (700 mm)	Hastelloy	High Volume
SP-PVDF-39	PVDF	39" (1000 mm)	Hastelloy	High Volume
SP-PVDF-47	PVDF	47" (1200 mm)	Hastelloy	High Volume
SP-PVDF-HH-27	PVDF	27" (700 mm)	Hastelloy	High Pressure
SP-PVDF-HH-39	PVDF	39" (1000 mm)	Hastelloy	High Pressure
SP-PVDF-HH-47	PVDF	47" (1200 mm)	Hastelloy	High Pressure



KEY:

- ① 280,ENC, 400/High Volume Tube
- ② 280,ENC, 400/High Pressure Tube
- ③ A-1/High Volume Tube
- ④ A-2, ODP/High Volume Tube
- ⑤ A-1/High Pressure Tube
- ⑥ A-2, ODP/High Pressure Tube

Warning: Not suitable for pumping flammable or combustible liquids

Stainless 316 Series

STANDARD's Stainless pump tube is engineered for transferring flammable and combustible liquids. Robust Stainless Steel 316 offers excellent strength and durability.

APPLICATIONS

- Alcohol
- Gasoline
- Aqueous Ammonia
- Isopropyl Ether
- Solvents
- Petroleum Products

TECHNICAL DATA

Design: Seal-less / Centrifugal

Maximum Temp: 175°F/80°C

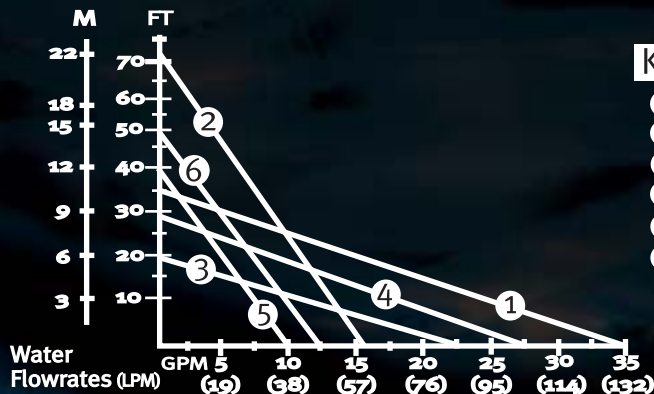
Viscosity: 1500 Cps/mPas (280, ENC, 400)
750 Cps/mPas (A-2, ODP)
450 Cps/mPas (A-1)

Wetted Materials: Stainless 316
Carbon
Teflon

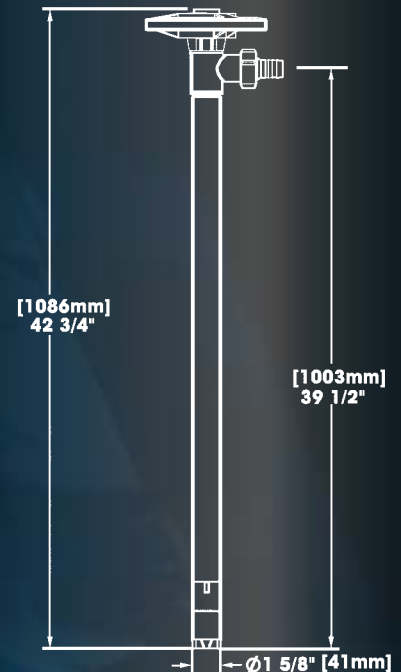
Discharge Options: 1" (25mm) barb
3/4" (22mm) barb

Maximum Specific Gravity: 1.8

Model	Tube Assembly	Length	Shaft	Impeller
SP-SS-27	Stainless	27" (700 mm)	Stainless	High Volume
SP-SS-39	Stainless	39" (1000 mm)	Stainless	High Volume
SP-SS-47	Stainless	47" (1200 mm)	Stainless	High Volume
SP-SS-60	Stainless	60" (1400 mm)	Stainless	High Volume
SP-SS-72	Stainless	72" (1800 mm)	Stainless	High Volume
SP-SS-HH-27	Stainless	27" (700 mm)	Stainless	High Pressure
SP-SS-HH-39	Stainless	39" (1000 mm)	Stainless	High Pressure
SP-SS-HH-47	Stainless	47" (1200 mm)	Stainless	High Pressure
SP-SS-HH-60	Stainless	60" (1400mm)	Stainless	High Pressure
SP-SS-HH-72	Stainless	72" (1800 mm)	Stainless	High Pressure



Warning: When pumping flammable or combustible liquids pump tube must be used in conjunction with an explosion proof motor.



Polypropylene Series

STANDARD's Polypropylene pump tube is engineered for transferring corrosive liquids. Robust Polypropylene ensures chemical resistance against light to mildly aggressive media.

APPLICATIONS

- Acetic Acid
- Sulfuric Acid
- Hydrochloric - 20%
- Nitric Acid - 20%
- Alkalies
- Ferric Chloride

TECHNICAL DATA

Design: Seal-less / Centrifugal

Maximum Temp: 130°F/55°C

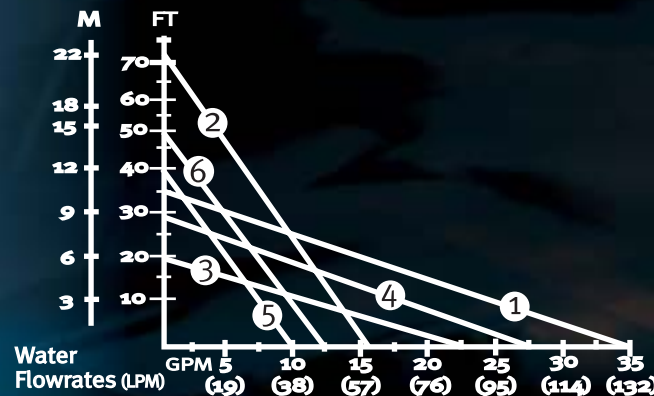
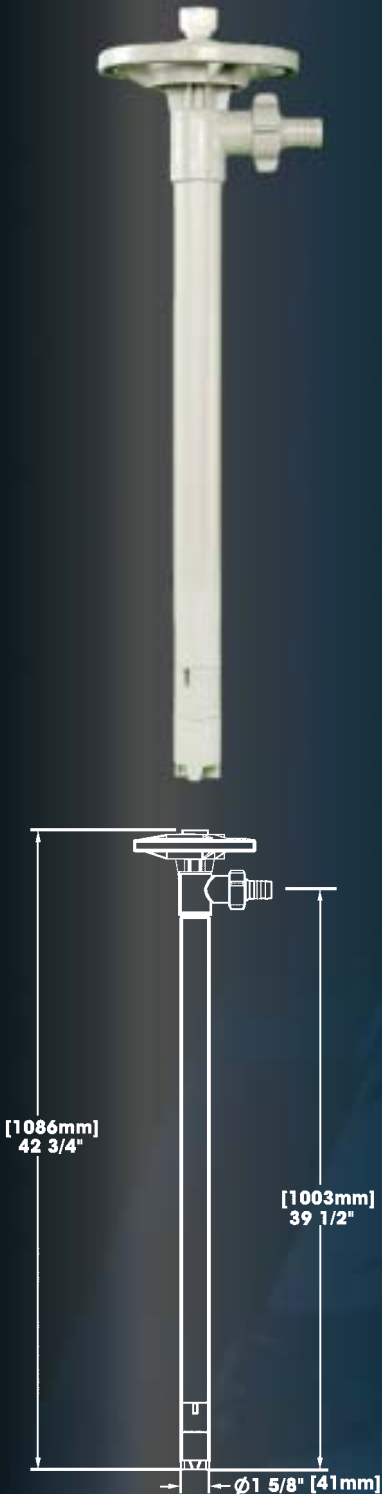
Viscosity: 1500 Cps/mPas (280, ENC, 400)
750 Cps/mPas (A-2, ODP)
450 Cps/mPas (A-1)

Wetted Materials: Polypropylene
Carbon
Hastelloy

Discharge Options: 1" (25mm) barb
3/4" (22mm) barb

Maximum Specific Gravity: 1.8

Model	Tube Assembly	Length	Shaft	Impeller
SP-PP-27	Polypropylene	27" (700 mm)	Hastelloy	High Volume
SP-PP-39	Polypropylene	39" (1000 mm)	Hastelloy	High Volume
SP-PP-47	Polypropylene	47" (1200 mm)	Hastelloy	High Volume
SP-PP-60	Polypropylene	60" (1400 mm)	Hastelloy	High Volume
SP-PP-72	Polypropylene	72" (1800 mm)	Hastelloy	High Volume
SP-PP-HH-27	Polypropylene	27" (700 mm)	Hastelloy	High Pressure
SP-PP-HH-39	Polypropylene	39" (1000 mm)	Hastelloy	High Pressure
SP-PP-HH-47	Polypropylene	47" (1200 mm)	Hastelloy	High Pressure
SP-PP-HH-60	Polypropylene	60" (1400mm)	Hastelloy	High Pressure
SP-PP-HH-72	Polypropylene	72" (1800 mm)	Hastelloy	High Pressure



KEY:

- ① 280,ENC, 400/High Volume Tube
- ② 280,ENC, 400/High Pressure Tube
- ③ A-1/High Volume Tube
- ④ A-2, ODP/High Volume Tube
- ⑤ A-1/High Pressure Tube
- ⑥ A-2, ODP/High Pressure Tube

Warning: Not suitable for pumping flammable or combustible liquids

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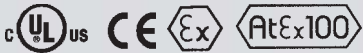
Motor & Tube Assembly Detail

Variable speed control



Unique drop-in brush system

Multi certified motors meet stringent North American and European standards



Powerful 1.1 hp (825 watt) Double insulated motors 115 / 220v models

Optional thermal overload or low voltage release switches

Motor housing provides added chemical resistance

Handwheel modular design

Optional 1" or 3/4" barbed fitting

Thick, robust wall construction

TFE guide sleeve finned design

Hastelloy C drive shaft

Carbon insert

Impeller/rotor interchangeable for high volume/high pressure models



ACCESSORIES

Nozzles

The chemically resistant dispensing nozzle offers a controlled solution for safe chemical transfer. Ideal for transferring aggressive liquids from large vessels to small containers. Available in polypropylene, brass, and stainless steel. Discharge size 1" (25mm)



Wall Brackets

The wall mounting storage bracket is designed for pump storage while not in service. Constructed from 16 gauge, vinyl coated steel. The wall bracket offers a great solution in corrosive environments.



Barrel Adapters / Fume Barriers

Instrumental in vertically stabilizing your drum and container pump. Engineered for 2" (41mm) openings. Available materials include polypropylene and stainless steel.

Designed to reduce fume emission associated with concentrated chemicals and solvents. Available in polypropylene (Viton® Seal) and stainless steel (Viton® Seal).



Strainers

The pump tube strainer is designed to eliminate damage caused by particulates /contaminated liquids. Available in polypropylene and stainless steel.



Poly mesh: .78 x .078" (19.8 mm x 1.98 mm)

Stainless mesh: .78 x .078" (19.8 mm x 1.98 mm)

Worldwide Distribution



Argentina	Netherlands
Australia	New Zealand
Austria	Norway
Belgium	Peru
Brazil	Poland
Bulgaria	Portugal
Canada	Puerto Rico
Chile	Romania
China	Saudi Arabia
Czech Republic	Singapore
Denmark	Slovakia
Egypt	South Korea
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Hong Kong	Switzerland
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Indonesia	Thailand
Ireland	Turkey
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Korea	United Kingdom
Malaysia	United States
Mexico	Venezuela

BARREL AND CONTAINER PUMPS



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