

Астана +7(77172)727-132 Волгоград (844)278-03-48 Воронеж (473)204-51-73 Екатеринбург (343)384-55-89 Казань (843)206-01-48 Краснодар (861)203-40-90 Красноярск (391)204-63-61 Москва (495)268-04-70 Нижний Новгород (831)429-08-12 Новосибирск (383)227-86-73 Ростов-на-Дону (863)308-18-15 Самара (846)206-03-16 Санкт-Петербург (812)309-46-40 Саратов (845)249-38-78 Уфа (347)229-48-12 Единый адрес: alg@nt-rt.ru Веб-сайт: aalborg.nt-rt.ru



















www.aalborg.com



















































































About the Company

Founded in 1972, AALBORG® is well-known throughout the world as a primary manufacturer of precision instrumentation for flow measurement and control.

We operate two divisions:

The Electronics Division produces a line of Peristaltic Pumps, Thermal Mass Flow Controllers, Vortex Shedding Flow Meters, Proportionating Solenoid and Motor driven control valves.

The Variable Area Division manufactures a complete line of glass tube rotameters. These flow meters are available with aluminum, brass, stainless steel or PTFE wetted components. AALBORG® also manufactures a unique line of PFA tube meters for ultrapure or corrosive applications. Precision barstock stainless steel or brass needle valves, as well as PTFE valves, are also manufactured in this division.

NIST Traceable

NIST traceable flow meter calibrations are performed in our state of the art laboratories.

Technical Assistance

Technical Assistance is readily available. Customers are invited to contact the company or our distributors to discuss individual requirements. OEM applications are welcome.

ISO9001 /2008 Certification

AALBORG® has been ISO 9001 certified since April of 1995. We are very proud of the design features and the exceptionally high quality for which our products which have been known since 1972. It is our policy that through strict enforcement of exacting manufacturing standards the AALBORG® brand name continues to be associated with a reputation of high quality and reliability. Our products are backed by meticulous innovative engineering combined with efficient manufacturing practices and a highly skilled work force guaranteeing total customer satisfaction.

Our Mission

It is the policy of AALBORG® to develop, produce and deliver products and services which consistently conform to or exceed customer requirements.

Our commitment is to provide cutting-edge technology combined with a sincere desire to serve our customers and produce the highest quality products attainable.

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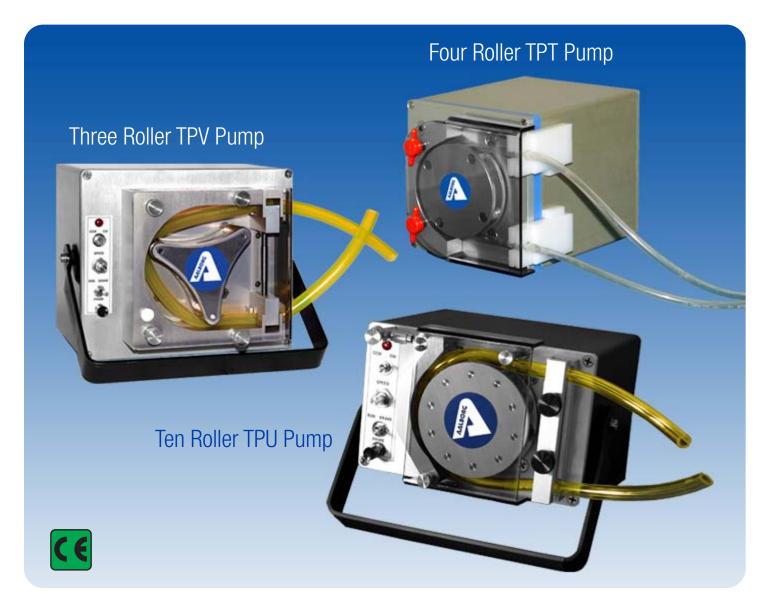
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General Description

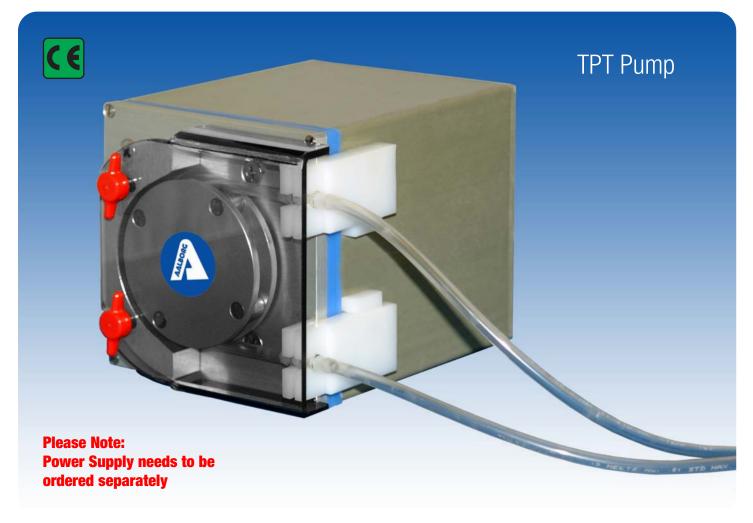
Aalborg's TPT, TPU and TPV model peristaltic pumps are designed for safety and long tubing life. They are economical, easy to load, sturdy, and compact with small footprints. Designed for use with liquids of widely diverse viscosities, they are suitable for laboratory, processing, and OEM applications, including fuel with the appropriate tubing. Power supplies for all pumps (except TPUFX) need to be ordered separately. For power supply part numbers please consult the Accessories tables on pages 3, 15 and 26.

Principles of Operation

Flexible tubing, which conveys fluid from source to destination, is squeezed inside the pump head by rotating rollers against a rigid, crescent-shaped Occlusion Wall. The rollers induce suction in a pulsing rhythm. TPT and TPU models offer adjustable occlusion for increased pressure, or decreased pressure to extend tubing life.

TPU and TPV pumps are comprised of front panels with controls, pump heads, motors, rigid cases with rubber feet and handles. The moveable handles are practical for carrying the pump, lifting and angling the pump face plate, and making the controls more user accessible.





TPT Mini Peristaltic Pumps

Economical Model TPT Mini Peristaltic Pumps are designed for liquids. Simple to load and operate, two plastic thumbscrews allow easy Occlusion Wall adjustments, provide longer tubing life, and secure the safety shield. Two plastic slide on/off tube holders assure quick tubing loop replacements.

User-selectable flow rates from 1.90 mL/min. to 25 mL/min. are dependent on the tubing material and ID; 1/32" wall tubing is required. Power supplies for all TPV pumps need to be ordered separately. For power supply part numbers please consult the Accessories table on pages 3. TPT Pumps are CE compliant.

Typical Flow Rates Based on Tubing Sizes:

| TUBING SIZE | FLOW mL/min |
|------------------------|-------------|
| 1/32" ID x 1/32" wall. | 1.9 |
| 1/16" ID x 1/32" wall. | 7.0 |
| 1/8" ID x 1/32" wall. | 25.0 |







Design Features

- 4 roller aluminum pump head.
- Cast bronze self-lubricating rollers..
- Continuous duty 24 VDC brush style gear motor with internal permanent magnet.
- CW-OFF-CCW switch.
- Safety shield to prevent finger contact with moving parts.
- Lightweight 3.5 lb.
- ◆ Compact 5" x 4" footprint.
- Tubing Loops of different materials and sizes including fittings are available.
- Manual or pre-set Counter feature indicates the number of revolutions. (not included).

| ACCESSORIES | |
|-------------|--|
| PS-13A-24 | Power Supply 24 VDC, 1.08 Amp, and 2.1 mm center- positive DC jack (needs to be ordered separately). |
| L00PT1/32 | Tubing and fittings 1/32" ID x 1/32" wall E- 3603. |
| L00PT1/16 | Tubing and fittings 1/16" ID x 1 /32" wall E- 3603. |
| L00PT1/8 | Tubing and fittings 1/8" ID x 1/32" wall E- 3603. |
| L00PL1/16 | Tubing and fittings 1/16" ID x 1 /32" wall surgical rubber. |
| L00PL1/8 | Tubing and fittings 1/8" ID x 1/32" wall surgical rubber. |
| L00PS1/16 | Tubing and fittings 1/16" ID x 1 /32" wall silicon rubber. |
| L00PS1/8 | Tubing and fittings 1/8" ID x 1/32" wall silicon rubber. |

TPT Pumps are ideal for laboratory, processing, pH control, nutrient dosing, environmental sampling functions, R&D, aggressive fluids, and OEM applications.





General Description

Aalborg's TPU four and ten roller model peristaltic pumps are designed for safety and long tubing life. They are economical, easy to load, sturdy, and compact for a small footprint. Designed for use with liquids of widely diverse viscosities, they are suitable for laboratory, processing, and OEM applications, including fuel with the appropriate tubing. A Remote Start option is available on Dispenser Pumps using the 9-pin female D-connector located on the rear panel.

Power supplies for all TPU pumps (except TPUFX) need to be ordered separately. For power supply part numbers please consult the Accessory table on pages 15. TPU Pumps are CE compliant (except TPUFX).

Principles of Operation

Flexible tubing, which conveys fluid from source to destination, is squeezed inside the pump head by rotating rollers against a rigid, crescent-shaped Occlusion Wall. The rollers induce suction in a pulsing rhythm. TPU models offer adjustable occlusion for increased pressure, or decreased pressure to extend tubing life.

TPU four and ten roller pumps are comprised of front panels with controls, pump heads, motors, rigid cases with rubber feet and handles. The moveable handles are practical for carrying the pump, lifting and angling the pump face plate, and making the controls more user accessible.



| TPU SPECIFICATIONS | TIONS | | | | |
|---|--|--|--|--|--|
| | TPU FX FIXED RPM | TPU AD Adjustable RPM | TPU DP or RP Adjustable RPM Dispensing | TPU1 PUMP HEAD | TPU2 PUMP HEAD |
| ROLLERS | 4 standard, 10 opt | ional. | | 4 | 10 |
| PUMPING SPEEDS | Preset to 3, 10, 20, 30, 40 or 50 RPM. | 0 – 60 RPM. | | Speeds depend on to the pump head. | the motor you add |
| MOTOR | AC Shaded Pole. | Brushless DC. | | Motor (including mavailable for separa mounting optional. | ate purchase; factory |
| POWER SUPPLY* | | Optional desktop power supply and cord. See ordering on page 15 (needs to be ordered separately). | | | |
| ELECTRICAL REQUIREMENT | 110 or 240 VAC | 90-264 VAC | | N/A | |
| DIMENSIONS | 6.50 in. (165 mm) WIDE x 6.57 in. (167 mm) DEEP x 4.12 in. (105 mm) HIGH excluding handle. | | , | | WIDE x 1.61 in. (41 in. (105 mm) HIGH. |
| MAXIMUM LIFT, PUMP HEAD | 340 in. H20 (12.3 | psig). | | d silicone, PharMed® Versilic® silicone, e, and Hypalon®. | |
| MAXIMUM SUCTION, HEAD | 350 in. H20 (12.6 | psig). | | | |
| RECOMMENDED TUBING MATERIALS 1/16 IN. WALL | | | one, platinum-treated : ygon® Long Flex Life, | | |
| TUBING SIZES (INSIDE Ø) | 1/8 in., 3/16 in. , 1 | /4 in. or 5/16 in. | | | |
| FUSES | Two 2-Amp, 250 V, fast-acting, glass, 5 x 20 mm, UL-listed. | N/A | N/A | N/A | |
| REVERSIBLE FLOW | No | Yes | Yes | No | |
| PRIMING FUNCTION | No | Yes | Yes | No | |
| TIMING FUNCTION | No | No | Yes | No | |
| CE COMPLIANT | No | Yes | Yes | Yes | |

TPU **MATERIALS OF CONSTRUCTION

ANODIZED ALUMINUM

316 STAINLESS STEEL PRECISION ROLLERS AND SHAFTS

- * Specific power cords are available for North America, Europe, UK and Australia.
- ** The selection of tubing materials is the responsibility of the customer; the company accepts no liability.



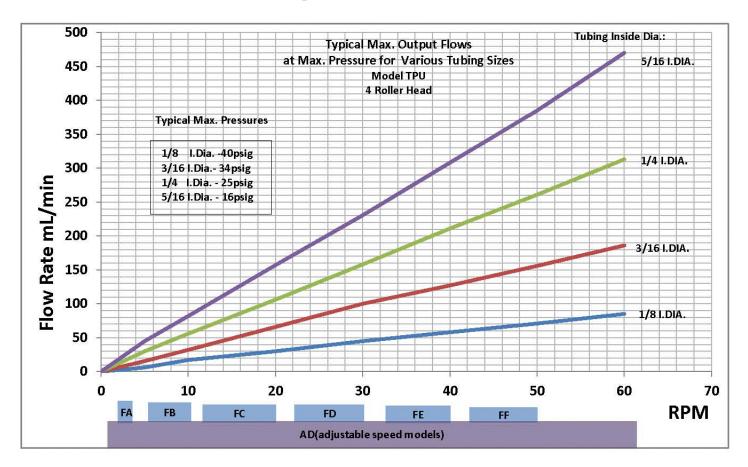
Flow Rate Graphs

To select the pump that best corresponds to your needs using the Flow Rate graphs:

- 1. Locate the desired flow rate where it intersects with the tubing diameter plot lines.
- 2. Project the intersections to the RPM axis at the bottom of the graph.
- 3. If your chosen flow rate falls between the fixed RPM choices (the blue boxes labeled FA, FB, etc.), pick the next larger speed or order an adjustable RPM pump, represented by the purple AD (adjustable speed models) box.

Armed with this information, consult the features sections that follow, then use the tables on page 15 to identify the ordering number for the pump(s) you have selected.

TPU1 Four-Roller Pumps:

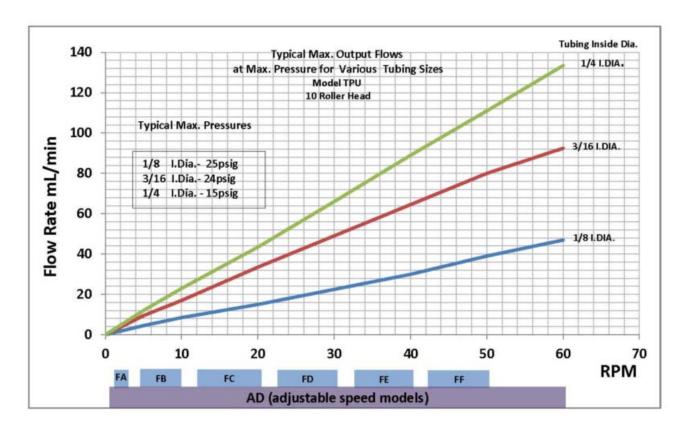


The Flow Rate graph for 10-roller pumps is on the following page.



TPU2 Ten Roller Pumps:

Note that 5/16-inch I.D. tubing is not recommended for use with the 10-roller pumps.





FX Model Fixed RPM Tubing Pumps



Design Features

- Economical & compact.
- Adjustable Occlusion Wall.
- Stainless Steel Rollers and Shafts.
- Compact design for small foot print.
- Can Be Mounted In Any Direction.
- Long Tubing Life.
- ◆ 4 Rollers, 10 optional to minimize pulsing.
- Adjustable handle to carry, stand or hang.
- Wide choice of preset speeds.

Peristaltic Pumps designed for liquids of low to high viscosity:

Ideal for laboratory, processing and OEM applications.









Please Note: Power Supply needs to be ordered separately

Peristaltic Pumps designed for liquids of low to high viscosity:

Ideal for laboratory, processing and OEM applications.

- Economical & compact.
- Adjustable Occlusion Wall.
- Stainless Steel Rollers & Shafts
- Controls for Prime, Brake, RPM, Reverse flow direction, Power LED.
- Maintence-free 24 VDC brushless motor.
- Safety cover.
- Can be mounted in any direction.
- Long tubing life.
- ◆ 4 Rollers, 10 optional to minimize pulsing.
- Adjustable handle to carry, hang or stand.
- Speed adjustable from 0 to 60 RPM.



OEM applications.



- Economical & compact.
- Adjustable Occlusion Wall, long tubing life.
- Stainless Steel Rollers & Shafts.
- Programmable timer.
- The TPUDP timer relay can be set to dispense or stop dispensing liquids over a selected time period to either single shot mode or continuous pulse mode.
- Controls for Prime, Brake, RPM, Reverse flow direction, Power LED.
- A Remote Start option is available using the 9-pin female D-connector located on the rear panel, via pins 1 and 5.
- Maintence-free 24 VDC brushless motor.
- Can be mounted in any direction.
- 4 Rollers, 10 optional to minimize pulsing.
- Adjustable handle to carry, hang or stand.
- Safety cover.
- Speed adjustable from 0 to 60 RPM.

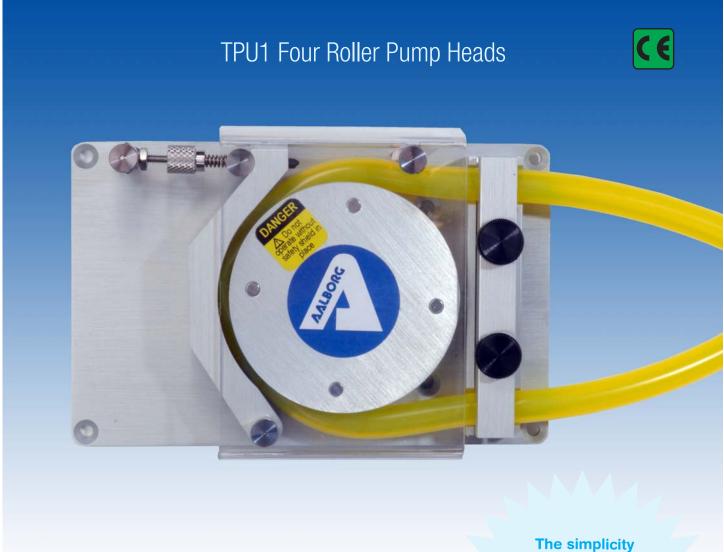


Ideal for laboratory, processing and OEM applications.



- Economical & compact.
- Adjustable Occlusion Wall, long tubing life.
- Stainless Steel Rollers & Shafts.
- Programmable timer.
- The TPURP timer relay can be set to dispense liquids over a selected time period, and to stop dispensing for another selected time period.
- Controls for Prime, Brake, RPM, Reverse flow direction, Power LED.
- ◆ A Remote Start option is available using the 9-pin female D-connector located on the rear panel, via pins 1 and 5.
- Maintence-free 24 VDC brushless motor.
- Can be mounted in any direction.
- 4 Rollers, 10 optional to minimize pulsing.
- Adjustable handle to carry, hang or stand.
- Safety cover.
- Speed adjustable from 0 to 60 RPM.





Design Features

- Economical & compact.
- Adjustable Occlusion Wall for long tubing life.
- Stainless Steel Rollers & Shafts.
- Safety cover.
- Can be mounted in any direction.
- ◆ 4 Rollers or 10 Rollers to minimize pulsing.
- Maximum Lift: 340 in. H2O (12.3 psig).
- Maximum Suction: 350 in. H2O (12.6 psig).

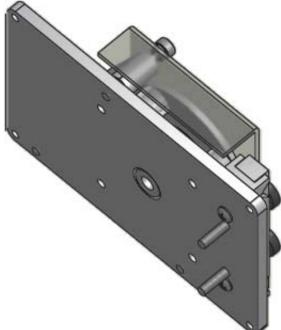
The simplicity
of the pump head design
provides users
with the flexibility
to connect their own motor
or to purchase one
from our catalog.



| CODE | PUMP HEAD STYLES |
|------|---|
| TPU1 | Pump Head 4 Rollers for 1/16" wall tubing. |
| TPU2 | Pump Head 10 Rollers for 1/16" wall tubing. |

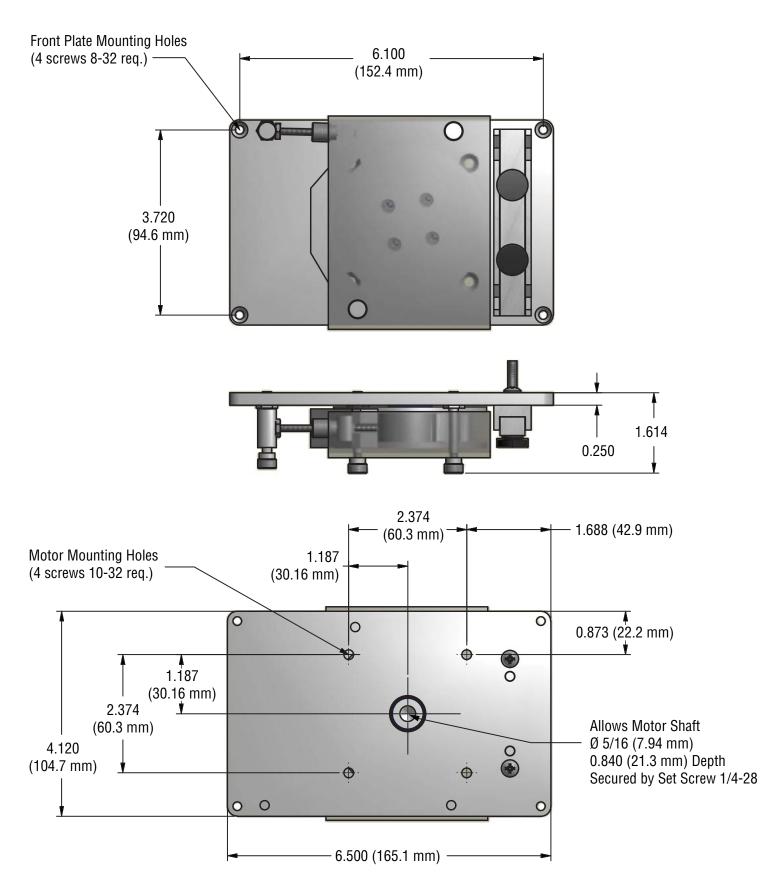
Front View





Rear Veiw





TPU MODELS ORDERING INFORMATION



TP MODEL

| CODE | HEAD STYLE |
|------|------------|
| U1 | 4 rollers |
| U2 | 10 rollers |

| CODE | MOTOR & CONTROLS |
|------|---|
| FA1 | Fixed speed motor, nominal 3 RPM, 115 VAC, no controls |
| FA2 | Fixed speed motor, nominal 3 RPM, 240 VAC, no controls |
| FB1 | Fixed speed motor, nominal 10 RPM, 115 VAC, no controls |
| FB2 | Fixed speed motor, nominal 10 RPM, 240 VAC, no controls |
| FC1 | Fixed speed motor, nominal 20 RPM, 115 VAC, no controls |
| FC2 | Fixed speed motor, nominal 20 RPM, 240 VAC, no controls |
| FD1 | Fixed speed motor, nominal 35 RPM, 115 VAC, no controls |
| FD2 | Fixed speed motor, nominal 35 RPM, 240 VAC, no controls |
| FF1 | Fixed speed motor, nominal 50 RPM, 115 VAC, no controls |
| FF2 | Fixed speed motor, nominal 50 RPM, 240 VAC, no controls |

| OPTIONAL TPU POWER CORDS FOR FIXED SPEED MOTORS | |
|---|---|
| MODEL NO. | DESCRIPTION |
| POWCOR | Power Cord for TPU, 115 VAC, North America |
| POWCOR230 | Power Cord for TPU, 230 VAC, Europe |
| POWCOR240UK | Power Cord for TPU, 240 VAC, United Kingdom |
| POWCOR240A | Power Cord for TPU, 240 VAC, Australia |

| | CODE | MOTOR & CONTROLS |
|--|------|--|
| | AD0 | Brushless DC motor, 0 – 60 RPM, RPM counter, Brake switch, Reverse Flow switch, Prime function |
| | | Brushless DC motor, 0 – 60 RPM, RPM counter, Brake switch, Reverse Flow switch, Prime function, Dispense function (Timer) |
| | RP0 | Brushless DC motor, 0 – 60 RPM, RPM counter, Brake switch, Reverse Flow switch, Prime function, Auto-Cycle Dispense function (Timer) |

| OPTIONAL TPU POWER SUPPLIES FOR ADJUSTABLE SPEED MOTORS | |
|---|--|
| MODEL NO. | DESCRIPTION |
| PS-TP-110NA | Power Supply for TPU, 110 Vac North America |
| PS-TP-230EU | Power Supply for TPU, 230 Vac Europe |
| PS-TP-240UK | Power Supply for TPU, 240 Vac United Kingdom |
| PS-TP-240AU | Power Supply for TPU, 240 Vac Australia |

TP

U1

FC1

EXAMPLE: TPU1FC1

The example shown above is TPU1FC1: TPU pump with 4 rollers, fixed speed set at 20 RPM.

To order a pump head alone, select TPU1 or TPU2. It is neither fixed or adjustable RPM as it is provided with no motor. Motors are available for purchase (see page 15).

For more technical details (Specifications and Materials of Construction), see page 5.

TPU MOTORS



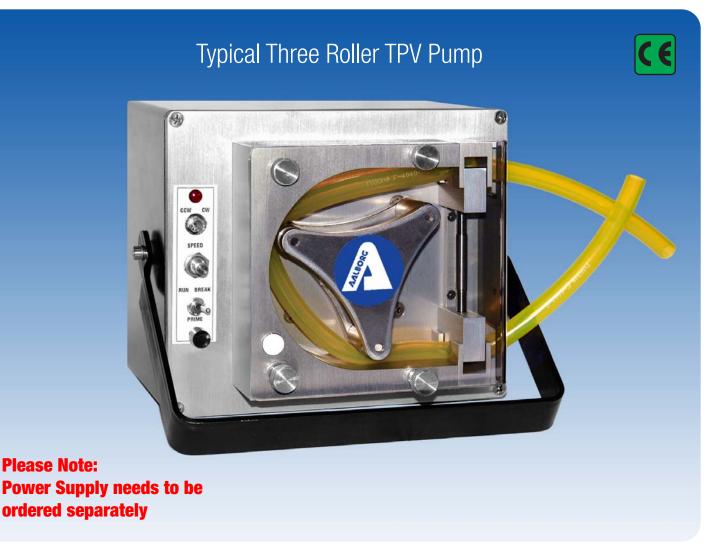
The following motors are available for purchase for use with TPU1 and TPU2 pump heads:

| CODE | MOTOR & CONTROLS |
|------------|---------------------------------------|
| FA1 | Fixed speed, nominal 3 RPM, 120 VAC |
| FB1 | Fixed speed, nominal 10 RPM, 120 VAC |
| FC1 | Fixed speed, nominal 20 RPM, 120 VAC |
| FD1 | Fixed speed, nominal 30 RPM, 120 VAC |
| FE1 | Fixed speed, nominal 40 RPM, 120 VAC |
| FF1 | Fixed speed, nominal 50 RPM, 120 VAC |
| FA2 | Fixed speed, nominal 3 RPM, 240 VAC |
| FB2 | Fixed speed, nominal 10 RPM, 240 VAC |
| FC2 | Fixed speed, nominal 20 RPM, 240 VAC |
| FD2 | Fixed speed, nominal 30 RPM, 240 VAC |
| FE2 | Fixed speed, nominal 40 RPM, 240 VAC |
| FF2 | Fixed speed, nominal 50 RPM, 240 VAC |
| AD0* | Adjustable speed, 0 – 60 RPM, 24 VDC |
| AD3* | Adjustable speed, 0 – 300 RPM, 24 VDC |
| KIT-TPUMTG | Optional Mounting Kit |

^{*}These motors have an RPM counter.

Optionally, the motor can be mounted for you at the factory.





General Description

Aalborg's TPV model peristaltic pumps are designed for safety and long life. They are economical, easy to load, sturdy, and compact for a small footprint. Designed for use with liquids of widely diverse viscosity, they are suitable for laboratory, processing and OEM applications, even fuel with the appropriate tubing. Power supplies for all TPV pumps need to be ordered separately. For power supply part numbers please consult the Accessories table on pages 26. TPV Pumps are CE compliant.

Principles of Operation

Flexible tubing, which conveys fluid from source to destination, is squeezed inside the pump head by rotating rollers against a rigid, crescent-shaped occlusion wall. The rollers induce suction in a pulsing rhythm.

Each pump is comprised of a front panel with controls, a pump head, a motor, a rigid case with four rubber feet and a handle. The handle is practical both to carry the pump and, when rotated beneath the pump, to serve as a base that lifts and angles the pump face, making the controls even more easily accessible to the user.



| TPV SPECIFICATIONS | | |
|--|--|---|
| | TPV AD ADJUSTABLE RPM | TPV DP OR RP ADJUSTABLE RPM DISPENSING |
| ROLLERS | 3. | |
| PUMPING SPEEDS | 0 – 300 RPM. | |
| MOTOR | Brushless DC. | |
| *POWER SUPPLY | Optional desktop power supply and power cordored separately). | d. See ordering information on page 26 (needs to be |
| ELECTRICAL REQUIREMENT | 110 – 250 V. | |
| DIMENSIONS | 7.7 in. (196 mm) WIDE x 7.45 in. (189 mm) D | EEP x 6.56 in. (167 mm) HIGH excluding handle. |
| MAXIMUM LIFT, PUMP HEAD | 310 in. H20 (11.2 psig). | |
| MAXIMUM SUCTION, HEAD | 310 in. H2O (11.2 psig). | |
| RECOMMENDED TUBING MATERIALS 1/16 IN. WALL | Tygon, Sanitary silicone, Norprene®, Tygon® Long Flex Life, and Hypalon®. 1/4 in., 5/16 in., 3/8 in., 7/16 in. or 1/2 in. Yes. | |
| TUBING SIZES (INSIDE Ø) | | |
| REVERSIBLE FLOW | | |
| PRIMING FUNCTION | | |
| TIMING FUNCTION | No. | Yes. |
| CE COMPLIANT | Yes. | Yes. |

TPV **MATERIALS OF CONSTRUCTION

ANODIZED ALUMINUM

316 STAINLESS STEEL PRECISION ROLLERS AND SHAFTS

^{*} Optional: Specific power cords are available for North America, Europe, UK and Australia.
**The selection of materials of construction, is the responsibility of the customer. The company accepts no liability.



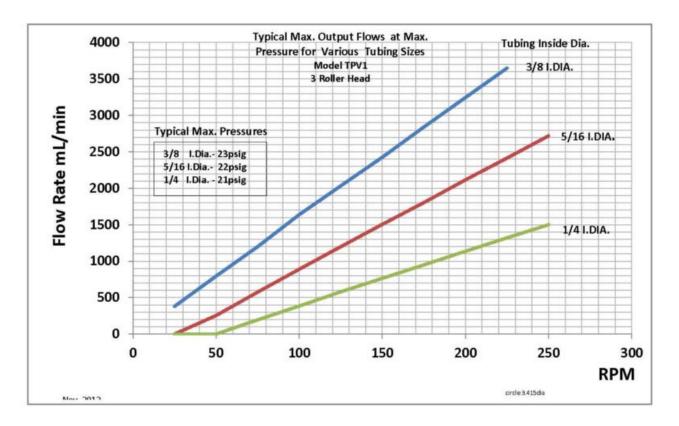
Flow Rate Graphs

To select the pump that best corresponds to your needs using the Flow Rate graphs:

- 1. Locate the desired flow rate where it intersects with the tubing diameter plot lines.
- 2. Project the intersections to the RPM axis at the bottom of the graph.

Armed with this information, consult the features sections that follow, then use the tables on page 26 to identify the ordering number for the pump(s) you have selected.

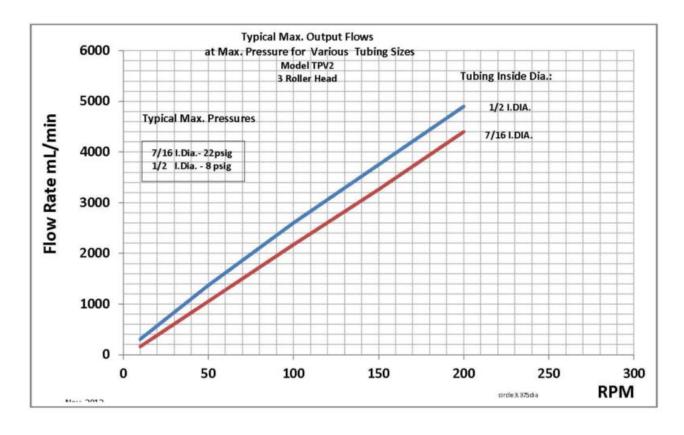
TPV1 Pumps (1/4 to 3/8 in. ID):



The Flow Rate graph for TPV2 pumps (7/16 to 1/2 in. ID) are on the following page.



TPV2 Pumps (7/16 to 1/2 in. ID):





AD Model Adjustable RPM Pumps





Please Note:
Power Supply needs to be ordered separately

Peristaltic Pumps designed for liquids of low to high viscosity:

Ideal for laboratory, processing and OEM applications.

- Economical & compact.
- Unique adjustable tubing holder assemby.
- Stainless Steel Rollers & Shafts.
- Controls for Prime, Brake, RPM, Reverse flow direction, Power LED.
- Maintenence-free 24 VDC brushless motor.
- Can be mounted in any direction.
- 3 Rollers.
- Adjustable handle to carry, hang or stand.
- Safety cover.
- Speed adjustable from 0 to 300 RPM.



DP Model Adjustable RPM Pumps with Dispensing





Power Supply needs to be ordered separately

Please Note:

peristaltic Pumps
designed for liquids of low
to high viscosity:

Ideal for laboratory, processing and OEM applications.

- Economical & compact.
- Unique adjustable tubing holder subassembly.
- Fixed Occlusion Wall.
- ♦ 3 Stainless Steel Rollers & Stainless Steel Shafts.
- Controls for Prime, Brake, RPM, Reverse flow direction, Power LED.
- A Remote Start option is available using the 9-pin female D-connector located on the rear panel, via pins 1 and 5.
- Programmable timer.
- The TPVDP timer relay can be set to dispense or stop dispensing liquids over a selected time period to either single shot mode or continuous pulse mode.
- Maintence-free 24 VDC brushless motor.
- ◆ Speed adjustable from 0 to 300 RPM.
- Can be mounted in any direction.
- Long tubing life.
- Adjustable handle to carry, hang or stand.
- Safety cover.



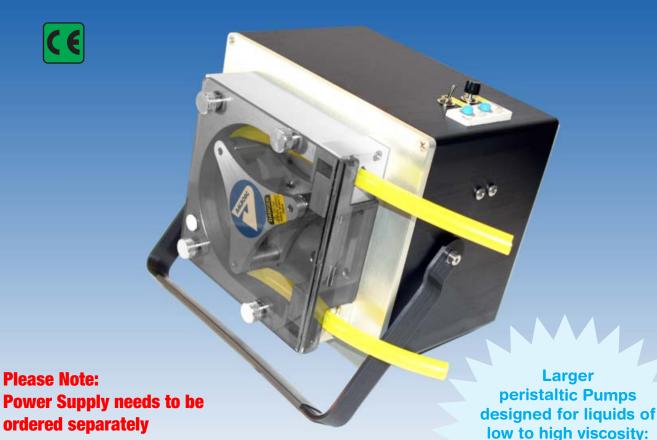
Ideal for laboratory,

processing and **OEM** applications.

RP Model Adjustable RPM Pumps with Dispensing



Please Note:



Design Features

Economical & compact.

- Unique adjustable tubing holder subassembly.
- Fixed Occlusion Wall.
- 3 Stainless Steel Rollers & Stainless Steel Shafts.
- Controls for Prime, Brake, RPM, Reverse flow direction, Power LED.
- Programmable timer.
- The TPVRP timer relay can be set to dispense liquids over a selected time period, and to stop dispensing for another selected time period.
- Maintence-free 24 VDC brushless motor.
- Speed adjustable from 0 to 300 RPM.
- Can be mounted in any direction.
- Long tubing life.
- Adjustable handle to carry, hang or stand.
- Safety cover.





TPV Three Roller Pump Head



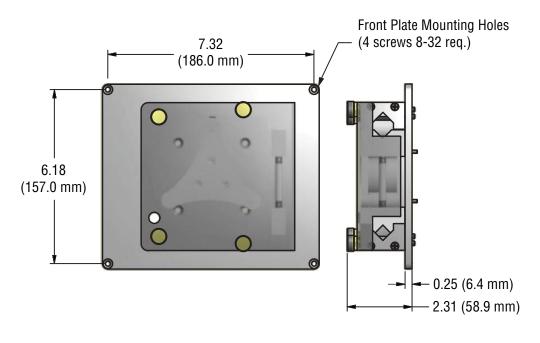
Design Features

- Economical & compact.
- Stainless Steel Rollers & Shafts.
- Safety cover.
- Can be mounted in any direction.
- 3 Rollers.
- Maximum Lift: 340 in. H2O (12.3 psig).
- Maximum Suction: 350 in. H2O (12.6 psig).

The simplicity
of the pump head design
provides users
with the flexibility
to connect their own motor
or to purchase one
from our catalog.

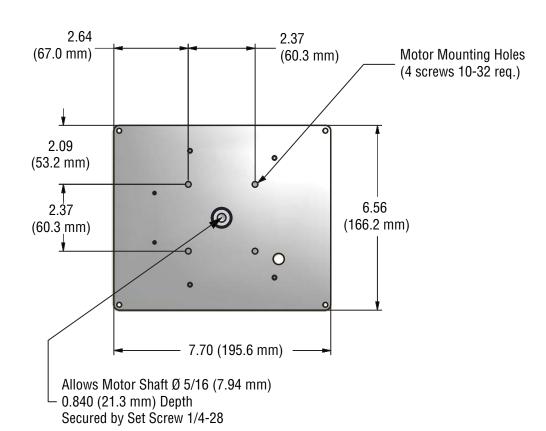


| CODE | PUMP HEAD STYLES |
|------|--|
| TPV1 | Pump Head 3 Rollers for 1/16" wall tubing. |
| TPV2 | Pump Head 3 Rollers for 1/16" wall tubing. |

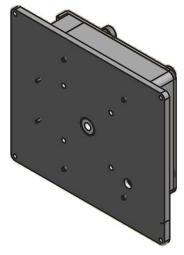


Front View





Rear View



TPV MODELS ORDERING INFORMATION



TP MODEL

| | CODE | HEAD STYLE STYLES |
|---|------|---|
| Ī | V1 | 3 rollers on pump head for tubing I.D. 1/4 - 3/8 in. |
| Ī | V2 | 3 rollers on pump head for tubing I.D. 7/16 – 1/2 in. |

| CODE | MOTOR & CONTROLS |
|------|---|
| AD | Brushless DC 0 – 300 RPM motor, RPM counter, Brake switch, Reverse Flow switch, Prime function. |
| DP | Brushless DC 0 – 300 RPM motor, RPM counter, Brake switch, Reverse Flow switch, Prime function, Dispense function (Timer). |
| RP | Brushless DC 0 – 300 RPM motor, RPM counter, Brake switch, Reverse Flow switch, Prime function, Auto-Cycle Dispense function (Timer). |

| ACCESSORIES | | | | |
|-----------------------------|--|--|--|--|
| OPTIONAL TPV POWER SUPPLIES | | | | |
| MODEL NO. | DESCRIPTION | | | |
| PS-TP-110NA | Power Supply for TPV, 110 Vac North America | | | |
| PS-TP-230EU | Power Supply for TPV, 230 Vac Europe | | | |
| PS-TP-240UK | Power Supply for TPV, 240 Vac United Kingdom | | | |
| PS-TP-240AU | Power Supply for TPV, 240 Vac Australia | | | |

TP

V1

AD

EXAMPLE: TPV1AD

The example shown above is TPV1AD: Is a TPV pump with the 3-roller head sized for use with 1/4 - 3/8 in. tubing, an adjustable speed 0 - 300 motor with the prime function and reversable speed.

To order a pump head alone, select TPV1 or TPV2. Adjustable RPM provided with no motor.



| ORDERING INFORMATION FOR TPU and TPV PUMP TUBING | | | | |
|--|---|--|--|--|
| TUBING ORDER NUMBER | DESCRIPTION | | | |
| TB1LA2 | Tygon® E-3603 Lab grade, 1/8 in. ID x 1/16 in. wall, 50 feet | | | |
| TB1LA3 | Tygon® E-3603 Lab grade, 3/16 in. ID x 1/16 in. wall, 50 feet | | | |
| TB1LA4 | Tygon® E-3603 Lab grade, 1/4 in. ID x 1/16 in. wall, 50 feet | | | |
| TB1LA5 | Tygon® E-3603 Lab grade, 5/16 in. ID x 1/16 in. wall, 50 feet | | | |
| TB1LA6 | Tygon® E-3603 Lab grade, 3/8 in. ID x 1/16 in. wall, 50 feet | | | |
| TB1LA7 | Tygon® E-3603 Lab grade, 7/16 in. ID x 1/16 in. wall, 50 feet | | | |
| TB1LA8 | Tygon® E-3603 Lab grade, 1/2 in. ID x 1/16 in. wall, 50 feet | | | |
| TB1LF2 | Tygon® S3 (E-LFL) 1/8 in. ID x 1/16 in. wall, 25 feet | | | |
| TB1LF3 | Tygon® S3 (E-LFL) 3/16 in. ID x 1/16 in. wall, 25 feet | | | |
| TB1LF4 | Tygon® S3 (E-LFL) 1/4 in. ID x 1/16 in. wall, 25 feet | | | |
| TB1LF5 | Tygon® S3 (E-LFL) 5/16 in. ID x 1/16 in. wall, 25 feet | | | |
| TB1NO2 | Norprene® Food grade (FDA, 3A, NSF), 1/8 in. ID x 1/16 in. wall, 50 feet | | | |
| TB1NO3 | Norprene® Food grade (FDA, 3A, NSF), 3/16 in. ID x 1/16 in. wall, 50 feet | | | |
| TB1NO4 | Norprene® Food grade (FDA, 3A, NSF), 1/4 in. ID x 1/16 in. wall, 50 feet | | | |
| TB1N05 | Norprene® Food grade (FDA, 3A, NSF), 5/16 in. ID x 1/16 in. wall, 50 feet | | | |
| TB1NO6 | Norprene®Food grade (FDA, 3A, NSF), 3/8 in. ID x 1/16 in. wall, 50 feet | | | |
| TB1NI2 | Norprene® Industrial grade (FDA, 3A, NSF), 1/8 in. ID x 1/16 in. wall, 50 feet | | | |
| TB1NI3 | Norprene® Industrial grade (FDA, 3A, NSF), 3/16 in. ID x 1/16 in. wall, 50 feet | | | |
| TB1NI4 | Norprene® Industrial grade (FDA, 3A, NSF), 1/4 in. ID x 1/16 in. wall, 50 feet | | | |
| TB1NI5 | Norprene® Industrial grade (FDA, 3A, NSF), 5/16 in. ID x 1/16 in. wall, 50 feet | | | |
| TB1NI6 | Norprene® Industrial grade (FDA, 3A, NSF), 3/8 in. ID x 1/16 in. wall, 50 feet | | | |
| TB1NI7 | Norprene® Industrial grade (FDA, 3A, NSF), 7/16 in. ID x 1/16 in. wall, 50 feet | | | |
| TB1NI8 | Norprene® Industrial grade (FDA, 3A, NSF), 1/2 in. ID x 1/16 in. wall, 50 feet | | | |
| TB1PH2 | PharMed®,1/8 in. ID x 1/16 in. wall, 25 feet | | | |
| TB1PH3 | PharMed®, 3/16 in. ID x 1/16 in. wall, 25 feet | | | |
| TB1PH4 | PharMed®, 1/4 in. ID x 1/16 in. wall, 25 feet | | | |
| TB1PH5 | PharMed®, 5/16 in. ID x 1/16 in. wall, 25 feet | | | |
| TB1PH6 | PharMed®, 3/8 in. ID x 1/16 in. wall, 25 feet | | | |
| TB1SI2 | Silicone (SPX-50) peroxide-cured, 1/8 in. ID x 1/16 in. wall, 50 feet | | | |
| TB1SI3 | Silicone (SPX-50) peroxide-cured, 3/16 in. ID x 1/16 in. wall, 50 feet | | | |
| TB1SI4 | Silicone (SPX-50) peroxide-cured, 1/4 in. ID x 1/16 in. wall, 50 feet | | | |
| TB1SI5 | Silicone (SPX-50) peroxide-cured, 5/16 in. ID x 1/16 in. wall, 50 feet | | | |
| TB1SI6 | Silicone (SPX-50) peroxide-cured, 3/8 in. ID x 1/16 in. wall, 50 feet | | | |
| TB1SI8 | Silicone (SPX-50) peroxide-cured, 1/2 in. ID x 1/16 in. wall, 50 feet | | | |
| TB1SA2 | Silicone (3350), sanitary, 1/8 in. ID x 1/16 in. wall, 50 feet | | | |
| TB1SA3 | Silicone (3350), sanitary, 3/16 in. ID x 1/16 in. wall, 50 feet | | | |
| TB1SA4 | Silicone (3350), sanitary, 1/4 in. ID x 1/16 in. wall, 50 feet | | | |
| TB1SA5 | Silicone (3350), sanitary, 5/16 in. ID x 1/16 in. wall, 50 feet | | | |

Continued

FLEXIBLE TUBING



Continued

| ORDERING INFORMATION | ORDERING INFORMATION FOR TPU and TPV PUMP TUBING | | | | |
|----------------------|---|--|--|--|--|
| TUBING ORDER NUMBER | DESCRIPTION | | | | |
| TB1SA6 | Silicone (3350), sanitary, 3/8 in. ID x 1/16 in. wall, 50 feet | | | | |
| TB1SA7 | Silicone (3350), sanitary, 7/16 in. ID x 1/16 in. wall, 50 feet | | | | |
| TB1SA8 | Silicone (3350), sanitary, 1/2 in. ID x 1/16 in. wall, 50 feet | | | | |
| TB1TY2 | Tygoprene™ (XL-60), Long Life Pump Tubing, 1/8 in. ID x 1/16 in. wall, 50 feet | | | | |
| TB1TY3 | Tygoprene™ (XL-60), Long Life Pump Tubing 3/16 in. ID x 1/16 in. wall, 50 feet | | | | |
| TB1TY4 | Tygoprene™ (XL-60), Long Life Pump Tubing 1/4 in. ID x 1/16 in. wall, 50 feet | | | | |
| TB1TY5 | Tygoprene™ (XL-60), Long Life Pump Tubing 5/16 in. ID x 1/16 in. wall, 50 feet | | | | |
| TB1TY6 | Tygoprene™ (XL-60), Long Life Pump Tubing, 3/8 in. ID x 1/16 in. wall, 50 feet | | | | |
| TB1FR2 | Fluran® (F-5500-A), Severe Environmental Tubing, 1/8 in. ID x 1/16 in. wall, 50 feet | | | | |
| TB1FR3 | Fluran® (F-5500-A), Severe Environmental Tubing, 3/16 in. ID x 1/16 in. wall, 50 feet | | | | |
| TB1FR4 | Fluran® (F-5500-A), Severe Environmental Tubing, 1/4 in. ID x 1/16 in. wall, 50 feet | | | | |
| TB1FR5 | Fluran® (F-5500-A), Severe Environmental Tubing, 5/16 in. ID x 1/16 in. wall, 50 feet | | | | |
| TB1FR6 | Fluran® (F-5500-A), Severe Environmental Tubing, 3/8 in. ID x 1/16 in. wall, 50 feet | | | | |
| TB1FL2 | Tygon® F4040-A Fuel and Lubricant Appl., 1/8 in. ID x 1/16 in. wall, 50 feet | | | | |
| TB1FL3 | Tygon® F4040-A Fuel and Lubricant Appl., 3/16 in. ID x 1/16 in. wall, 50 feet | | | | |
| TB1FL4 | Tygon® F4040-A Fuel and Lubricant Appl., 1/4 in. ID x 1/16 in. wall, 50 feet | | | | |
| TB1FL5 | Tygon® F4040-A Fuel and Lubricant Appl., 5/16 in. ID x 1/16 in. wall, 50 feet | | | | |
| TB1FL6 | Tygon® F4040-A Fuel and Lubricant Appl., 3/8 in. ID x 1/16 in. wall, 50 feet | | | | |
| TB1FL7 | Tygon® F4040-A Fuel and Lubricant Appl., 7/16 in. ID x 1/16 in. wall, 50 feet | | | | |
| TB1FL8 | Tygon®F4040-A Fuel and Lubricant Appl., 1/2 in. ID x 1/16 in. wall, 50 feet | | | | |
| ORDERING INFORMATION | FOR TPT PUMP TUBING | | | | |
| TUBING ORDER NUMBER | DESCRIPTION | | | | |
| TB2LA1 | Tygon® E-3603 Lab grade, 1/16 in. ID x 1/32 in. wall, 25 feet | | | | |
| TB2LA2 | Tygon® E-3603 Lab grade, 1/8 in. ID x 1/32 in. wall, 25 feet | | | | |
| TB2LA9 | Tygon® E-3603 Lab grade, 1/32 in. ID x 1/32 in. wall, 25 feet | | | | |
| TB2SI1 | Silicone (SILCON), 1/16 in. ID x 1/32 in. wall, 25 feet | | | | |
| TB2SI2 | Silicone (SILCON), 1/18 in. ID x 1/32 in. wall, 25 feet | | | | |
| TB2SU1 | Surgical rubber (Latex) 1/16 in. ID x 1/32 in. wall, 25 feet | | | | |
| TB2SU2 | Surgical rubber (Latex) 1/8 in. ID x 1/32 in. wall, 25 feet | | | | |

Астана +7(77172)727-132 Волгоград (844)278-03-48 Воронеж (473)204-51-73 Екатеринбург (343)384-55-89 Казань (843)206-01-48 Краснодар (861)203-40-90 Красноярск (391)204-63-61 Москва (495)268-04-70 Нижний Новгород (831)429-08-12 Новосибирск (383)227-86-73 Ростов-на-Дону (863)308-18-15 Самара (846)206-03-16 Санкт-Петербург (812)309-46-40 Саратов (845)249-38-78 Уфа (347)229-48-12 Единый адрес: alg@nt-rt.ru Веб-сайт: aalborg.nt-rt.ru