

Peristaltic pump bridge



Overview

Pump Tubes wear when they are pinched between the roller and platen in a peristaltic pump. Designed for durability and fit for purpose, we offer a variety of Thermo Scientific™ Peristaltic Pump Tubing to suit your sample matrices and ICP-OES applications. Have Questions?

Meet the requirements of your specific sample matrices and applications with our comprehensive range of Thermo. [tx_slide title="What is a Peristaltic Pump?

" openclose="" icon="question-circle"]A peristaltic pump uses tubing of a specific size to deliver a known quantity of fluid. From high-quality PVC to ultra-chemically-resistant Santoprene and Solva, our tubing can be used for applications across multiple industries including environmental, clinical, geophysical, and semiconductor production. MEINHARD offers both flared and nonflared tubing. Tubing with small inner. Peristaltic pumps (also known as a roller pump) work using a process known as peristalsis, which uses compression and relaxation to move fluids through a tube or pipe. The pump tubes are held in position by the bridge or collar. When the Pump Tube is no longer delivering the correct amount of.

Article Content

Nov 17, 2025

Peristaltic Pump Tubing for iCAP™ Series ICP-OES Systems

Choose from the following Peristaltic Pump Tubing products for iCAP Series ICP-OES systems with a mini peristaltic pump (bridge distance of 95 mm): Sample pump tubing for aqueous solutions – ID

Aug 07, 2025

Peristaltic Pump – What It Is And How It Works

The peristaltic pump was first patented in the United States by Eugene Allen in 1881. However, it took almost half a century to become more popular; thanks to Dr.

Feb 04, 2026

How Does a Peristaltic Hose Pump Work? | Castle Pumps

Peristaltic and hose pumps explained: how they work, roller vs shoe designs, hose material selection and applications across industrial sectors.

Jan 20, 2026

Peristaltic Pumps: A Comprehensive Guide

Peristaltic pumps, also known as hose or tube pumps, are unique fluid management solutions that stand out because of their exceptional versatility,

Mar 20, 2026

Peristaltic Pump Tubing | ESI

Available in a wide range of diameters and lengths, choose the bridge length (tab distance) and diameter you need to achieve the results you deserve.

Aug 20, 2025

Viton® – Gradko

Viton ® is available as bridged tubing or in longer lengths of unbridged tubing. We also offer Viton ® tubing that is equivalent to other pump manufacturers ranges.

Dec 10, 2025

PVC Pump Tubes 3 Bridge | Peristaltic Tubing | Pumps | Equipment

PVC Tubing 0.95mm 12/pk - SC0058 PVC Pump Tubes 3 Bridge PVC Tubing 0.95mm 12/pk Learn More Add to My Inventory \$29.56 Add to Cart

Jun 17, 2026

Replacing and Adjusting the Agilent ICP-MS System Peristaltic Pump ...

Peristaltic pump tubing that has lost its elasticity will not deliver the sample to the nebulizer correctly. When the pump tubing appears limp or flattened or does not require stretching to

Apr 12, 2026

Peristaltic Pump Tubing

Spetec manufactures high quality peristaltic pump tubing. Spetec offer tubes in any configuration of different diameter and material with 1, 2, or 3 bridges. But also by the meter in 2 different lengths.

Nov 14, 2025

Frequently Asked Questions – Peristaltic Pump Tubing

The tubing inside the pump is in a circular position and a series of rollers pass over the tube to force a known quantity of fluid through the tube. Peristaltic tubing is design to return to its original shape after

Feb 18, 2026

Peristaltic pumps

Peristaltic pumps work by using rollers or shoes to compress the tube or hose. Learn more about the benefits of switching to our peristaltic pumps for your process.

Mar 21, 2026

Peristaltic Pump Tubing | ESI

ESI offers peristaltic pump tubing, including high-quality PVC and ultra-chemically-resistant Santoprene and Solva, our tubing can be used for applications including

Aug 06, 2025

3710052000 | Agilent

Pump tubing for UV/Vis instruments, 3 bridged, purple/black, 12/pk. Peristaltic pump tubing for pumping rinse with SPS 3/4 autosampler used with UV/Vis instruments,

May 20, 2026

What is a peristaltic pump and how does it work? | INTEGRA

30.07.2021 · Product News Peristaltic Pump – What It Is And How It Works Pumping and dispensing culture media, buffer solutions or other fluids are common tasks performed by laboratories

Dec 13, 2025

Peristaltic Pump Tubing for iCAP™ Series ICP-OES

Drain pump tubing for organic solutions - ID 1.016 mm - white/white - Viton Choose from the following Peristaltic Pump Tubing products for iCAP Series ICP-OES

Nov 01, 2025

P-757, Peristaltic Tubing Stop Adapter, Standard Bore,

Description Designed to Bridge between Rigid-Walled Tubing and Soft-Walled Tubing. Supplied in 2-pack. For use with 1.20-2.80 mm ID Peristaltic Tubing with

Jul 06, 2025

Peristaltic Pump Tubing for iCAP™ Series ICP-OES Systems

Our peristaltic pump tubing is designed for durability and meets the needs of any ICP-OES analysis. Pump tubing can be selected by size and is compatible with all iCAP™ Series ICP-OES systems

Apr 10, 2026

Easy-fit Peristaltic Pump Tubing for ICP-MS

ICP peristaltic pump tubing is used together with an on-board peristaltic pump that controls the flow of solution into and waste out of the sample introduction system

May 25, 2026

Peristaltic Pumps

Definition Peristaltic pumps are mechanical displacement pumps that induce flow in a fluid-filled, flexible-walled conduit through peristalsis transport due to traveling contraction waves. While macroscale

Sep 07, 2025

Three Bridge Pump Tubes

Pump Tubes wear when they are pinched between the roller and platen in a peristaltic pump. The pump tubes are held in position by the bridge or collar. By adding one additional bridge, we are able to

Apr 04, 2026

Chromatography Direct | LC Columns and Accessories | Collared

Chromatography PVC Analytical Pump 2 Bridge (Black/Black) Peristaltic Tubing 0.76mm I.D..

Nov 17, 2025

Standard 2-Stop Tubing

2-stop tubing is used for standard-sized peristaltic pumps. The two colored markers denote the size of the inner diameter. The markers also hold the tubing in place,

Jul 06, 2025

Peri Pump Tube, PVC Solvaflex, 3 Bridged Purple/white, 12 pc/PAK

Tubing, peristaltic pump, 3-bridged, purple/white tabs, PVC Solvaflex, for Agilent SPS 4 autosampler for acidic or aqueous rinses, 12/pk

Aug 31, 2025

THERMO 842312051511 | PVC Peristaltic Sample Pump Tubing with

Our peristaltic pump tubing is designed for durability and meets the needs of any ICP-OES analysis. Pump tubing can be selected by size and is compatible with all iCAP™ Series ICP-OES systems

Jun 24, 2026

Product: Flared PVC Two-Stop Peristaltic Pump Tubing

Flared PVC Peristaltic Pump Tubing has a 0.76 mm I.D., 0.86 mm Wall, 72 mm between Bridges (Black/Black), and packaged 12/pk. Flared tubing is easier to change and more reliably connected

Mar 16, 2026

What is a Peristaltic Pump and How Do They Work?

What is a Peristaltic Pump? A peristaltic pump is a type of positive displacement pump that uses a unique mechanism to transfer fluids. It operates by using a

Sep 08, 2025

Industry Breakdown: United States Customized (OEM) Peristaltic Pump ...

The United States Customized (OEM) Peristaltic Pump market is a critical segment within the broader industrial pump industry, focusing on tailored solutions for specific applications. These

Jan 25, 2026

The Basics of Peristaltic Pumps & Tubing

A bridge, sometimes called a "stop" is a plastic attachment to the tube that locks the tube in position on a peristaltic pump. Bridges are colour coded to

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.regen-power.co.za>

Email: info@regen-power.co.za

Phone: +49 176 845 2036

Address: Taunusanlage 15, 60325 Frankfurt am Main, Germany

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