PINCH VALVE TUBING



Clippard pinch valves come pre-installed with 12" of easily replaceable medical/laboratory grade or sanitary food grade silicone tubing available in a large variety of sizes.

- Each valve comes with 12" (30 cm) of select silicone tubing pre-installed
- · Tubing is easily replaceable
- High cycle life
- · Large variety of tubing sizes available
- Available in 5' (1.5 meter) or 50' (15.2 meter) rolls
- Excellent flexibility

High Quality Medical / Laboratory / Pharmaceutical Grade Silicone

Material	Platinum-cured silicone
Durometer	50 Shore A
Tensile Strength	1,388 psi (95 bar) at break
Elongation at Break	815%
Modulus at 200%	299 psi (20 bar)
Tear Strength	263 ppi (46 N/mm)

- No organic plasticizers, pthalates or latex additives
- No peroxide cure chlorophenyl or PCB by-products
- Exceeds USP Class VI plastic tests
- Meets ISO 10993 guidelines for body contact applications
- Manufactured to the principles of FDA 21 CFR 210/211 cGMPs for pharmaceutical products
- Produced in an FDA-registered (CFN-1816403) and inspected healthcare facility

High Quality Sanitary Food Grade Silicone

Material	Platinum-cured silicone
Durometer	50 Shore A
Tensile Strength	1,450 psi (99 bar) at break
Elongation at Break	770%
Modulus at 200%	280 psi (19 bar)
Tear Strength	200 ppi (35 N/mm)

- Suitable for applications where preservation of taste, aroma and color are crucial
- Entirely non-toxic, non-hemolytic and non-pyrogenic
- Meets USP Class VI criteria and 3-A sanitary standards
- NSF 51 standard and FDA 21 CFR Part 177.2600 criteria
- Complies with ISO 10993 guidelines for contact with blood (or other body fluids or tissue) for up to 30 days as listed in the FDA GP-84

Polyurethane

Material	Polyurethane
Durometer	85 Shore A
Static Burst Pressure	>500 psig (34.5 bar) @ 70°F (21°C)

- · Abrasion and chemical resistant
- UV stabilized
- NSF61 resin compliance, meets UL94MB and USPVI

More Information About Pinch Valve Tubing

High Quality Medical/Laboratory Grade Silicone

This high quality, platinum-cured silicone tubing is specifically designed for use in medical devices and contains no organic plasticizers, phthalates or latex additives, peroxide cure chlorophenyl, or PCB by-products. This type of silicone tubing is commonly used in medical applications such as drug dispensing, urinary collection systems, dialysis equipment, IV systems, on the waste side of instrumentation, and countless other applications.

High Quality Sanitary Food Grade Silicone

This high quality, food grade tubing is suitable for various applications in the food and beverage industries where preservation of taste, aroma and color are crucial. It is entirely non-toxic and non-pyrogenic.

Polyurethane

This is a flexible, durable, UV-stabilized, ether-based tubing. It is abrasion and chemical resistant and well-suited for a wide range of applications. Complies with NSF61 and meets UL94MB and USPVI.

ORDERING INFORMATION **Roll Size** 005 5' (1.5 meters) 050 50' (15 meters) **Tubing** Tubing Type • No. Max. Pressure Tubing I.D. Tubing O.D. Tubing Wall Tubina Min. to Close Min. to Open 0201 0.030" (0.8 mm) 0.065" (1.7 mm) 0.0175" (0.4 mm) 01 0301 1/32" (0.8 mm) 3/32" (2.4 mm) 1/32" (0.8 mm) 02 30 psig (2 bar) 0402 03 1/16" (1.6 mm) 1/8" (3.2 mm) 1/32" (0.8 mm) 15 psig (1 bar) 30 psig (2 bar) Medical/Laboratory Grade 40 psig (2.8 bar) 0602 1/16" (1.6 mm) 3/16" (4.8 mm) 1/16" (1.6 mm) 04 30 psig (3 bar) SIH1 Silicone Tubing 0804 20 psig (1.4 bar) 1/8" (3.2 mm) 1/4" (6.4 mm) 1/16" (1.6 mm) 05 10 psig (0.7 bar) 06 20 psig (1.4 bar) 3/16" (4.8 mm) 5/16" (7.9 mm) 1/16" (1.6 mm) 10 psig (0.7 bar) 1006 20 psig (1.4 bar) 1208 3/8" (9.5 mm) 07 10 psig (0.7 bar) 20 psig (1.4 bar) 1/4" (6.4 mm) 1/16" (1.6 mm) 1/8" (3.2 mm) 0402 1/16" (1.6 mm) 1/32" (0.8 mm) 15 psig (1 bar) 30 psig (3 bar) 14 psig (1 bar) Sanitary Food Grade 0804 1/8" (3.2 mm) 1/4" (6.4 mm) 1/16" (1.6 mm) 25 10 psig (0.7 bar) 20 psig (1.4 bar) SFG1 Silicone Tubing 1208 9 psig (0.6 bar) 1/4" (6.4 mm) 3/8" (9.5 mm) 1/16" (1.6 mm) 27 10 psig (0.7 bar) 20 psig (1.4 bar) URH1 Polyurethane Tubing 0402 1/16" (1.6 mm) 1/8" (3.2 mm) 5/16" (7.9 mm) 13 65 psig (4.5 bar) 50 psig (3.4 bar) 105 psig (7.2 bar) 0804 1/8" (3.2 mm) 1/4" (6.4 mm) 1/16" (1.6 mm) 65 psig (4.5 bar) 45 psig (3 bar)

TDS PVT-01, Rev. 011524 (2/2)

SIH1-0201-NAS-005

Example Part Number:

QR code or visit clippard.com/link/pinch-tubing

For more info, scan the

