

PP Pneumatic Tube Plug Push-to-Connect Air Fitting End Cap

Push-in pneumatic tube plug for sealing unused air tubing and open ports



Product Overview

The HOMIPNEU PP pneumatic tube plug is a push-to-connect end cap designed to seal unused pneumatic tubing and close open connections in compressed-air systems. It does not regulate airflow; instead, it blocks the tube end to help prevent leakage, pressure loss and contamination. Its simple push-in design supports fast installation and removal without tools, making it useful for system maintenance, testing, commissioning and temporary air-line isolation.

Item	Specification	Item	Specification
Function	Tube-end sealing plug	Operating Fluid	Air
Tube O.D.	4-12 mm	Proof Pressure	1.32 MPa
Installation	Push-in / tool-free	Operating Pressure	0-0.9 MPa
Applicable Tube	PU Tube, Nylon Tube	Temperature	0-60°C

Key Features

- Push-to-connect tube plug design for fast installation and removal.
- Closes unused pneumatic tube ends and helps prevent air leakage.
- Compact structure for maintenance, testing and temporary sealing.
- Available for common PU and nylon tube outside diameters from 4 mm to 12 mm.

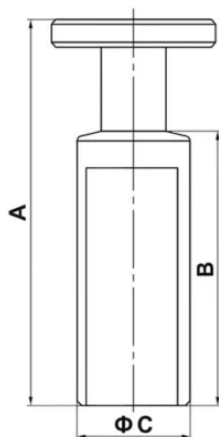
Typical Applications

- Pneumatic automation systems and air distribution lines.
- Air compressor pipelines and equipment maintenance.
- Temporary air-line sealing during testing or commissioning.
- Protection of unused tube connections from dirt and leakage.

Technical Specifications

Parameter	Specification
Operating Fluid	Air
Product Type	Push-to-connect pneumatic tube plug / end cap
Function	Seals unused pneumatic tubing and open connections
Proof Pressure	1.32 MPa (13.5 kgf/cm ²)
Maximum Operating Pressure	0-0.9 MPa (0-9.2 kgf/cm ²)
Ambient and Fluid Temperature	0-60°C
Applicable Tubing	PU tube and nylon tube
Available Tube Sizes	4 mm, 6 mm, 8 mm, 10 mm and 12 mm

Dimension Drawing



Symbols: A = overall length; B = body length; C = plug outside diameter.

Model Selection and Dimensions

Model	A	B	ØC
PP-4	30.5	16	4
PP-6	31.5	17	6
PP-8	33.5	18	8
PP-10	41.5	24	10
PP-12	43	25	12

All dimensional values are in millimetres unless otherwise stated.

Installation and Operating Guidance

- Confirm that the plug size matches the pneumatic tube outside diameter.
- Cut the tube squarely and remove burrs, contamination or surface damage.
- Push the PP plug fully into the tube end until it reaches the internal stop.
- Pressurize the system gradually and check the sealed tube end for leakage.
- To remove the plug, depress the tube release ring and withdraw the plug straight out.
- Do not use the plug as an airflow control valve; it is intended only for sealing.

Ordering Information

Specify the PP model, matching tube outside diameter, required quantity and preferred color. OEM and ODM options may include alternative colors, materials, packaging and branding, subject to production confirmation.

Source note: Product images, specifications, model data and the dimension drawing are based on the HOMIPNEU product page. The information is provided as a general technical reference. Final dimensions, materials, colors and production details should be confirmed before ordering.

Contact Information

Wenzhou Hongmi Pneumatic Co., Ltd.

Address: Room 501, Xingnan Village, Hongqiao Town, Yueqing City, Zhejiang, China

Email: vivilian@homipneu.com

Phone / WhatsApp: +86 136 0580 6063

Website: <https://homipneu.com>