

PPF Pneumatic Tube Cap Push-to-Connect Fitting



Product Overview

PPF pneumatic tube caps are push-to-connect tube end caps designed to seal unused pneumatic tubing ports, prevent air leakage, and protect open lines in air systems.

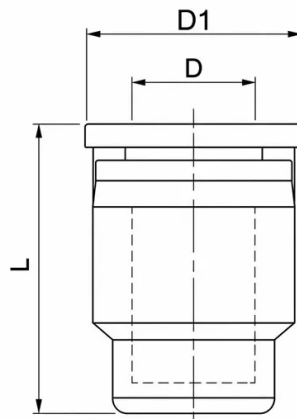
Key Features

- Push-to-connect tube cap design for fast installation and removal.
- Seals unused air tube ends to help prevent leakage.
- Compact and lightweight structure for confined installations.
- Helps protect open pneumatic lines from dust entry.
- Suitable for PU and nylon pneumatic tubing.
- Useful for system maintenance, testing, and line protection.

Technical Specifications

Parameter	Specification
Product Type	Pneumatic Fittings
Structure	Tube Cap / End Cap
Connection	Tube End Sealing
Installation	Push-to-Connect
Material	Engineering Plastic
Operating Fluid	Air
Working Pressure	0 - 1.0 MPa
Temperature Range	0 - 60 °C
Applicable Tubing	PU / Nylon Tube

Model Selection and Dimensions



Model	D (mm)	D1 (mm)	L (mm)
PPF-4	4	11.5	17.5
PPF-6	6	13.5	17.7
PPF-7	7	15	21.3
PPF-8	8	15	21.3
PPF-10	10	19	25
PPF-12	12	21.5	26

Applications

- Pneumatic control systems and spare tube-port sealing.
- Air distribution systems during adjustment or maintenance.
- Industrial automation equipment with unused pneumatic lines.
- Machinery testing, repair, and temporary line protection.

Product Function

The PPF cap blocks and seals an open pneumatic tubing end. It helps keep the system clean, stable, and organized while reducing leakage from unused lines.

Installation and Use

- Cut the compatible pneumatic tube end square and keep it clean.
- Push the tube fully into the cap until it is securely retained.
- Check the sealed line for leakage before normal operation.
- Depressurize the system before removing or servicing the cap.

Contact Information

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