

PU Pneumatic Air Hose for Compressed Air Systems



Product Overview

This polyurethane pneumatic air hose provides flexible routing for compressed-air distribution, compatible fluids, vacuum lines, industrial robots, pneumatic tools, and automation equipment.

Key Features

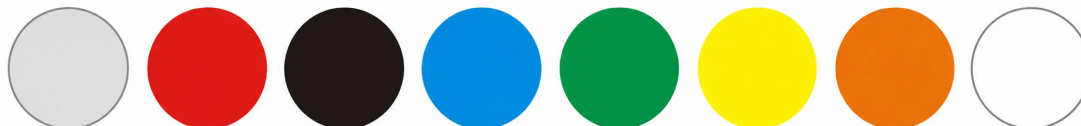
- Flexible polyurethane construction for compact tube routing.
- Outside diameters from 4 mm to 16 mm.
- Suitable for compressed air and compatible fluid delivery.
- Supports selected vacuum and suction applications.
- Multiple colors help identify pneumatic and fluid circuits.
- 100 m and 200 m standard roll lengths by tube size.

Technical Specifications

Parameter	Specification
Product Name	PU Pneumatic Air Hose
Material	Polyurethane
Working Medium	Compressed air and compatible fluids
Temperature Range	Approximately -20 °C to +70 °C
Working Pressure	8 kgf/cm ²
Vacuum Use	Suitable for selected vacuum and suction applications
Protective Use	Protective tubing for metal and electronic products
Additional Use	Handles, grips, and protective covering
Main Applications	Robots, pneumatic tools, assembly and automation
Available Sizes	Outside diameters from 4 mm to 16 mm
Standard Roll Length	100 m or 200 m, depending on tube size
Color Options	Multiple colors available
Selection Checks	O.D., I.D., pressure, temperature, color and fitting

Model Selection and Dimensions

Custom Colors



Model	O.D.	I.D.	Roll Length
PU-0425	4 mm	2.5 mm	200 m
PU-0640	6 mm	4 mm	200 m
PU-0850	8 mm	5 mm	100 m
PU-1065	10 mm	6.5 mm	100 m
PU-1280	12 mm	8 mm	100 m
PU-1410	14 mm	10 mm	100 m
PU-1612	16 mm	12 mm	100 m

Applications

- Compressed-air lines for valves, cylinders, and pneumatic tools.
- Industrial robots, assembly equipment, and automation systems.
- Suitable vacuum, suction, water, and compatible fluid circuits.
- Protective covering for components, handles, and grips.

Selection Guidance

Confirm outside diameter, inside diameter, airflow, working pressure, temperature, fitting size, bending space, roll length, color, and application medium before ordering.

Safety Notes

- Actual allowable pressure may vary with temperature and conditions.
- Confirm fluid compatibility before non-air applications.
- Replace tubing that shows cuts, abrasion, kinks, or deformation.

Contact Information

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