

PNEUMATICS & PLASTIC TUBING

Pneumatic Tubing - Nylon & PU

Compressed-air components selected to the tube size, connection, function and operating conditions.

Application: Application-led selection for the specified operating conditions.

Ordering references: NY4BLACK / NY6BLACK / NY8BLACK / NY10BLACK / NY12BLACK / PU4CLEAR / PU6CLEAR / PU8CLEAR / PU10CLEAR / PU12CLEAR / PU4BLACK / PU6BLACK / PU8BLACK / PU10BLACK / PU12BLACK / PU4BLUE / PU6BLUE / PU8BLUE / PU10BLUE / PU12BLUE / PU14BLUE / PU16BLUE

pneumatic tubing exact dimensions

Part code	Colour	Material	Tube id mm	Tube od mm
NY4BLACK	black	nylon	2.0	4.0
NY6BLACK	black	nylon	4.0	6.0
NY8BLACK	black	nylon	6.0	8.0
NY10BLACK	black	nylon	8.0	10.0
NY12BLACK	black	nylon	9.0	12.0
PU4CLEAR	clear	polyurethane	2.5	4.0
PU6CLEAR	clear	polyurethane	4.0	6.0
PU8CLEAR	clear	polyurethane	5.0	8.0
PU10CLEAR	clear	polyurethane	6.5	10.0
PU12CLEAR	clear	polyurethane	8.0	12.0
PU4BLACK	black	polyurethane	2.5	4.0
PU6BLACK	black	polyurethane	4.0	6.0
PU8BLACK	black	polyurethane	5.0	8.0
PU10BLACK	black	polyurethane	6.5	10.0
PU12BLACK	black	polyurethane	8.0	12.0
PU4BLUE	blue	polyurethane	2.5	4.0
PU6BLUE	blue	polyurethane	4.0	6.0
PU8BLUE	blue	polyurethane	5.0	8.0
PU10BLUE	blue	polyurethane	6.5	10.0
PU12BLUE	blue	polyurethane	8.0	12.0
PU14BLUE	blue	polyurethane	10.0	14.0
PU16BLUE	blue	polyurethane	12.0	16.0

Exact pneumatic fitting configurations with the listed tube and connection dimensions. Match tube outside diameter, thread type and connection form. Pressure, temperature, seal compatibility and tube material require confirmation for the exact fitting; no universal pneumatic operating rating is stated by this dimensional table.

Ordering configurations

Part code	Configuration	Material	Nominal size	Listed pressure (bar)
NY4BLACK	4 × 2 mm nylon pneumatic tube - black	nylon	4.0 mm	Confirm for this configuration

Ordering configurations

Part code	Configuration	Material	Nominal size	Listed pressure (bar)
NY6BLACK	6 × 4 mm nylon pneumatic tube - black	nylon	6.0 mm	Confirm for this configuration
NY8BLACK	8 × 6 mm nylon pneumatic tube - black	nylon	8.0 mm	Confirm for this configuration
NY10BLACK	10 × 8 mm nylon pneumatic tube - black	nylon	10.0 mm	Confirm for this configuration
NY12BLACK	12 × 9 mm nylon pneumatic tube - black	nylon	12.0 mm	Confirm for this configuration
PU4CLEAR	4 × 2.5 mm polyurethane pneumatic tube - clear	polyurethane	4.0 mm	Confirm for this configuration
PU6CLEAR	6 × 4 mm polyurethane pneumatic tube - clear	polyurethane	6.0 mm	Confirm for this configuration
PU8CLEAR	8 × 5 mm polyurethane pneumatic tube - clear	polyurethane	8.0 mm	Confirm for this configuration
PU10CLEAR	10 × 6.5 mm polyurethane pneumatic tube - clear	polyurethane	10.0 mm	Confirm for this configuration
PU12CLEAR	12 × 8 mm polyurethane pneumatic tube - clear	polyurethane	12.0 mm	Confirm for this configuration
PU4BLACK	4 × 2.5 mm polyurethane pneumatic tube - black	polyurethane	4.0 mm	Confirm for this configuration
PU6BLACK	6 × 4 mm polyurethane pneumatic tube - black	polyurethane	6.0 mm	Confirm for this configuration
PU8BLACK	8 × 5 mm polyurethane pneumatic tube - black	polyurethane	8.0 mm	Confirm for this configuration
PU10BLACK	10 × 6.5 mm polyurethane pneumatic tube - black	polyurethane	10.0 mm	Confirm for this configuration
PU12BLACK	12 × 8 mm polyurethane pneumatic tube - black	polyurethane	12.0 mm	Confirm for this configuration
PU4BLUE	4 × 2.5 mm polyurethane pneumatic tube - blue	polyurethane	4.0 mm	Confirm for this configuration
PU6BLUE	6 × 4 mm polyurethane pneumatic tube - blue	polyurethane	6.0 mm	Confirm for this configuration
PU8BLUE	8 × 5 mm polyurethane pneumatic tube - blue	polyurethane	8.0 mm	Confirm for this configuration
PU10BLUE	10 × 6.5 mm polyurethane pneumatic tube - blue	polyurethane	10.0 mm	Confirm for this configuration
PU12BLUE	12 × 8 mm polyurethane pneumatic tube - blue	polyurethane	12.0 mm	Confirm for this configuration
PU14BLUE	14 × 10 mm polyurethane pneumatic tube - blue	polyurethane	14.0 mm	Confirm for this configuration
PU16BLUE	16 × 12 mm polyurethane pneumatic tube - blue	polyurethane	16.0 mm	Confirm for this configuration

Pressure values, where given, apply only to the listed configuration and its specified operating conditions. Confirm the complete assembly, temperature and conveyed medium. Dust closures require explicit pressure-service approval.

Application & quotation checklist

Tube size or connection thread; Air pressure and operating conditions; Function, material and actuation method; Required dimensions and quantity

Request a quotation

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Provide the part code, size, quantity, required configuration and application. Include a drawing or photograph where available.

Ratings apply only to the specified product and configuration. Confirm fluid compatibility, temperature, pressure transients, installation and complete assembly suitability. Ordering references do not establish interchangeability.