

Parker Product Datasheet



Our range of multi-tubing combines high quality performance and space optimisation in complex pneumatic circuits.

Many possible configurations are available, depending on the pressure, temperature, flexibility and compatibility requirements.

PART NUMBER: 1420U08 41
COLOR: BLUE AND BLACK
LENGTH (M): 25
TUBE I.D. (MM): 5,5
TUBING MATERIAL: PU
TUBE O.D. (MM): 8
MAXIMUM BEND RADIUS (MM): 20

PRODUCT OVERVIEW

Our range of multi-tubing combines high quality performance and space optimisation in complex pneumatic circuits covering a wide range of environments.

Many possible configurations are available, depending on the pressure, temperature, flexibility and compatibility requirements.

Features/Benefits:

- Sheathed PA Tubing

- PVC sheath resistant to external damage:

abrasion

weld spatter

aggressive fluids

- Helically wound: minimum bend radius, compact installation
- Simplified routing
- Easy identification of circuits
- Same technical performance as PA
- Possible number of tubes: from 2 to 12, with numbering
- Silicone-free

- Twin PU Ester Tubing

- Tubes fully joined for improved solidity
- External diameter maintained after separation
- Rapid identification of circuits
- Quick and easy installation
- Simplified routing
- 3 colour combinations available
- Silicone-free

Markets:

- Factory Automation
- Miscellaneous Manufacturing
- Vehicle Assembly Facilities
- Transportation

Applications:

- Space Optimisation in Complex Pneumatic Circuit
- Industrial Fluids Conveying

Technologies:

- Multi-Tubing
- Polyamide Tubing
- PA Tubing
- Semi-Rigid Tubing
- Twin Tubing
- Industrial Tubing

Technical Characteristics:

- Fluids:

PA: Compressed air, chemicals, industrial fluids

PU: Compressed air, industrial fluids

- Materials:

PA: Polyamide

PU: Polyurethane ester

- Pressure:

PA: Vacuum to 24 bar

PU: 0 to 14 bar

- Temperature:

PA: -40°C to +80°C

PU: -20°C to +70°C

Regulations:

Industrial

- DI: 2002/95/EC (RoHS), 2011/65/EC

- DI: 97/23/EC (PED)

- RG: 1907/2006 (REACH)

Performance and chemical resistance according to DIN 73378

Product Types:

- Semi-Rigid Polyamide (PA) Multi-Tubing

- Twin Polyurethane (PU) Tubing

TECH SPECIFICATIONS

MAXIMUM OPERATING TEMPERATURE

80 °C

DIVISION

Low Pressure Connectors Europe Division

MAXIMUM OPERATING PRESSURE

24 barg

MINIMUM OPERATING TEMPERATURE

-40 °C

SPECIFICATIONS MET	RoHS 2002/95/EC, 2011/65/EC (Industrial)
SPECIFICATIONS MET	REACH 1907/2006 (Industrial)
SPECIFICATIONS MET	PED 97/23/EC (Industrial)
SPECIFICATIONS MET	DIN 73399 (for Performance and Chemical Resistance)
MEDIA	Industrial Fluids (PA)
MEDIA	Air (Compressed Air: PA)
MEDIA	Air (Compressed Air: PU)
MEDIA	Industrial Fluids (PU)
MEDIA	Chemicals (PA)
APPLICATION	Robotics
APPLICATION	In-Plant Automotive
APPLICATION	Transportation
APPLICATION	Process Industry
APPLICATION	Automation
APPLICATION	Pneumatics
VACUUM PRESSURE RATING	755 mm-Hg
WEIGHT	2.031 kg/package
NUMBER OF TUBES	1