

Parker Product Datasheet



A range of flame and spark-resistant polyamide tubing with superior resistance to impact and abrasion, improving equipment durability, particularly in areas subject to weld spatter.

PART NUMBER: 1100P12V01

COLOR: BLACK

TUBE I.D. (MM): 10.0

LENGTH (M): 100.0

TUBE O.D. (MM): 12.0

PRODUCT OVERVIEW

A range of flame and spark-resistant polyamide tubing with superior resistance to impact and abrasion, improving equipment durability, particularly in areas subject to weld spatter.

Features/Benefits:

- Spark Resistance

- Flame-retardant PVC jacket protects inner tubing
- Non-adhesive jacket facilitates sheath removal
- Excellent pressure resistance at high temperature

- Robustness & Durability

- Highly kink and crush-resistant
- Excellent compatibility with coolants

- Flow direction marking
- Silicone-free

Markets:

- Miscellaneous Manufacturing
- Machine Tools
- Primary Metal Refining and Processing

Applications:

- Suitable for Aggressive Environments
- Suitable for Areas Subjected to Flying Sparks
- Cooling
- Welding Robots

Technologies:

- Anti-Spark Polyamide Tubing
- Flame Resistant Tubing
- PVC Sheath
- Industrial Tubing

Technical Characteristics:

- Fluids: Hot and cold water, refrigerated fluids, compressed air
- Materials: Polyamide & PVC Sheath
- Pressure: 0 to 36 bar
- Temperature: -20°C to +80°C

Regulations:

Industrial

- DI: 2002/95/EC (RoHS), 2011/65/EC
- DI: 97/23/EC (PED)
- RG: 1907/2006 (REACH)
- UL94 V-0 (Fire resistance)

Product Types:

- Anti-Spark Polyamide Tubing

TECH SPECIFICATIONS

MEDIA	Water (Hot Water)
APPLICATION	Industrial Machinery
MEDIA	Air (Compressed Air)
SPECIFICATIONS MET	UL 94 V-0 (Fire Resistance, Industrial)
MAXIMUM OPERATING TEMPERATURE	80 °C
MEDIA	Coolants
MINIMUM OPERATING TEMPERATURE	-20 °C
SPECIFICATIONS MET	RoHS 2002/95/EC, 2011/65/EC (Industrial)
NUMBER OF TUBES	1.0
MAXIMUM OPERATING PRESSURE	36.0 barg
SPECIFICATIONS MET	REACH 1907/2006 (Industrial)
MEDIA	Water
SPECIFICATIONS MET	PED 97/23/EC (Industrial)
APPLICATION	Aggressive Environments
DIVISION	Low Pressure Connectors Europe Division
TUBE MATERIAL	PA
APPLICATION	Cooling
WEIGHT	7.0 kg/package
APPLICATION	Welding Robots