

Parker Product Datasheet



With a constant $10^2 \Omega.m$ resistivity across the entire thickness of the tubing wall, this tubing guarantees perfect dissipation of accumulated static electricity, thereby increasing safety.

PART NUMBER: 1100U03A01
COLOR: BLACK
LENGTH (M): 100
TUBE I.D. (MM): 1,8
TUBING MATERIAL: PU - ANTISTATIC
TUBE O.D. (MM): 3

PRODUCT OVERVIEW

With a constant $10^2 \Omega.m$ resistivity across the entire thickness of the tubing wall, this tubing guarantees perfect dissipation of accumulated static electricity, thereby increasing safety.

Features/Benefits:

- Security

- Low resistivity throughout the material
- Suitable for ATEX* areas
- Superior longevity
- Excellent vibration absorption
- UV-resistant
- Silicone-free

- Machinery Optimisation

- Minimum bend radius allowing maximum space saving
- Good chemical resistance
- Wide temperature range
- Stable chemical characteristics throughout tubing

Markets:

- Packaging
- Miscellaneous Manufacturing
- Consumer Electronics
- Coatings / Ink / Paint
- Power Conversion and Storage

Applications:

- Compressed Air and Industrial Fluids Conveying
- Applications with Possibility of Electrostatic Discharge
- Spray Painting
- Electrical Converters
- Suitable for Vacuum Applications

Technologies:

- PU Tubing
- Polyurethane Tubing
- Anti Static Tubing
- Industrial Tubing

Technical Characteristics:

- Fluids: Compressed air, industrial fluids
- Materials: Polyurethane with conductive additive (50 shore D)Pressure: Vacuum to 10 bar
- Temperature: -20°C to +70°C

Regulations:

- DI: 94/9/EC (ATEX*)
- DI: 1907/2006 (REACH)

• DI: 2002/95/EC (RoHS), 2011/65/EC

*For ATEX areas, please consult us

Product Types:

• Anti-Static Polyurethane Ester Tubing

TECH SPECIFICATIONS

MAXIMUM OPERATING TEMPERATURE	70 °C
DIVISION	Low Pressure Connectors Europe Division
MAXIMUM OPERATING PRESSURE	10 barg
MINIMUM OPERATING TEMPERATURE	-20 °C
SPECIFICATIONS MET	RoHS 2011/65/EC
SPECIFICATIONS MET	REACH 1907/2006/CE
SPECIFICATIONS MET	ATEX 94/9/EC (*for ATEX Areas Please Consult Us)
SPECIFICATIONS MET	RoHS 2002/95/EC
MEDIA	Industrial Fluids
MEDIA	Air (Compressed Air)
APPLICATION	Spray Painting
APPLICATION	Antistatic Packaging
APPLICATION	Electronics
APPLICATION	Pneumatics
APPLICATION	Electrical Converters
VACUUM PRESSURE RATING	755 mm-Hg
WEIGHT	0.745 kg/package
NUMBER OF TUBES	1