

# 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:** 1100U12A01  
**COLOR:** BLACK  
**LENGTH (M):** 100  
**TUBE I.D. (MM):** 8  
**TUBING MATERIAL:** PU - ANTISTATIC  
**TUBE O.D. (MM):** 12

## 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

|                                      |                                                  |
|--------------------------------------|--------------------------------------------------|
| <b>MEDIA</b>                         | Air (Compressed Air)                             |
| <b>APPLICATION</b>                   | Antistatic Packaging                             |
| <b>WEIGHT</b>                        | 8.2 kg/package                                   |
| <b>VACUUM PRESSURE RATING</b>        | 755 mm-Hg                                        |
| <b>SPECIFICATIONS MET</b>            | RoHS 2011/65/EC                                  |
| <b>APPLICATION</b>                   | Spray Painting                                   |
| <b>DIVISION</b>                      | Low Pressure Connectors Europe Division          |
| <b>MAXIMUM OPERATING PRESSURE</b>    | 10 barg                                          |
| <b>SPECIFICATIONS MET</b>            | ATEX 94/9/EC (*for ATEX Areas Please Consult Us) |
| <b>SPECIFICATIONS MET</b>            | REACH 1907/2006/CE                               |
| <b>SPECIFICATIONS MET</b>            | RoHS 2002/95/EC                                  |
| <b>APPLICATION</b>                   | Electronics                                      |
| <b>MEDIA</b>                         | Industrial Fluids                                |
| <b>APPLICATION</b>                   | Pneumatics                                       |
| <b>APPLICATION</b>                   | Electrical Converters                            |
| <b>NUMBER OF TUBES</b>               | 1                                                |
| <b>MINIMUM OPERATING TEMPERATURE</b> | -20 °C                                           |
| <b>MAXIMUM OPERATING TEMPERATURE</b> | 70 °C                                            |