

THERMOPLASTIC OR SPECIAL POLYMER EXTRUDED TUBES WITH REINFORCING SHEATH

REINFORCED TUBES

TUBOL® PA ATEX PA ATEX® tube with PVC ESD sheath



Description

Antistatic polyamide extruded and calibrated tube, PVC semi-conductor sheath

Applications

Pressurised transport of compressed air, lubricant in ATEX environment

Fields

Maintenance, control, process, instrumentation, petrochemicals

General characteristics

- Calibrated antistatic internal tube
- Semi-conductor external sleeving
- Good resistance to impacts and abrasion
- Very good UV resistance

Technical data

- Standard :

Internal tube ATEX sector II G/D

- Surface resistivity : $10^6 \Omega$

As per IEC62631

External sheath ATEX Sector II G/D

- Surface resistivity : $10^3 \Omega$

• no electrostatic charge is transferred to the sheath TUBOL® PA ATEX can be used with equipment in groups IIA, IIB, IIC (gases)

IIA, IIB, IIC (dusts))

According to IEC60079-0

Test report LCIE

22012602-800041 et 800042

WARNING These data are only valid if the electrical equipotentiality of the TUBOL® PA ATEX is realized.

- Temperature of use : **-20 à +80°C**
- Tube : PLASTUB® PA ATEX black
- Sheath PLASTUB® PVC ESD noir

- Recommended connection : quick fit connector

Options (contact us)

- Other diameters
- Other packaging
- Surface marking
- Other qualities of interior tubes
- Other qualities of external sheaths

| Nominal internal diameter (mm) | Nominal outside diameter (mm) | External diameter on sheath (mm) | Bending radius* (mm) | Operating pressure* (bar) | Burst pressure* (bar) | Nominal linear weight (g/m) |
|-----------------------------------|----------------------------------|-------------------------------------|-------------------------|------------------------------|--------------------------|--------------------------------|
| 4 | 6 | 8 | 25 | 22 | 67 | 48 |
| 6 | 8 | 10 | 30 | 16 | 48 | 63 |
| 8 | 10 | 12 | 40 | 12 | 37 | 79 |

| Nominal internal diameter (mm) | Standard packaging | |
|-----------------------------------|--------------------|-------------|
| | Roll (m) | Drum (m) |
| 4 | 100 | 500 |
| 6 | 100 | 500 |
| 8 | 100 | 500 |

Standard tolerances: refer to pages 115 to 118.

*Values provided for information purposes for an ambient temperature of 23°C.
Also available in BITUBE® PA ATEX.



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The information given in this technical data sheet is indicative and subject to change without prior notice. As the conditions of use and the environment in which the product is used cannot be fully covered in our design work, PLASTUB shall not assume liability for any incidents in the event of inappropriate use and/or not carried out according to best practices and applicable standards.

To ensure optimal use of our products, we recommend full tests in real-life situations.

To this end, our sales department is on hand to supply samples and/or to examine the conditions of comprehensive testing in our laboratories.

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