



- Desco Europe black conductive tubing is seamless (two layers of film)
- Desco Europe black conductive film is made of linear low density polyethylene with black conductive compound to achieve high toughness and strength
- The film is carbon loaded for consistent, non-humidity dependent conductivity
- $R_S$   $1 \times 10^2$  to  $< 1 \times 10^5$  ohms per IEC 61340-2-3
- It is resistant to common solvents
- Meets the requirements of EN 61340-5-1 and Packaging standard IEC 61340-5-3
- No ESD markings
- May contain splices (maximum of one splice per 500 m roll)



### Typical Physical Properties

Density	0.955 g/cm <sup>3</sup>
Typical thickness	70 micron (0.07 mm) ±15 %
Tensile strength at break	22 MPa (ISO R527)
Elongation at break	750 % (ISO R527)
Storage	Between 5-25 °C in dry and ventilated area not subject to extremes of low or high temperatures

As part of the quality testing for this product's side seals, swatch testing is done at periodic intervals. In a 500 metre roll there will be test swatches in the beginning, middle and end of the roll. At each test area the swatch is removed and tested.

*"Packaging used within an EPA shall consist of dissipative or conductive materials for intimate contact."* [EN 61340-5-3 Clause 5.2 Inside an EPA]

*"Transportation of sensitive products outside of an EPA shall require packaging that provides both:*

- dissipative or conductive materials for intimate contact;*
- a structure that provides electrostatic discharge shielding."*

[EN 61340-5-3 Clause 5.3 Outside an EPA]



Made in the United Kingdom

Item	Dimensions (W x L)
<a href="#">203510</a>	75 mm x 500 m
<a href="#">203561</a>	150 mm x 500 m
<a href="#">203591</a>	200 mm x 500 m
<a href="#">203630</a>	305 mm x 500 m

Unless otherwise noted, tolerance ±10 %  
Specifications and procedures subject to change without notice.

### Unprinted Conductive Black Tubing

# DESCO EUROPE

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**Drawing Number**  
203510

**DATE:**  
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