

# DATA SHEET

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## Fabric sheet 535

Polyester and nickel/copper

- Flexible
- Electrically conductive
- Protected against corrosion and fraying
- Self-adhesive version also available

### Applications

- ▶ Prevents or minimises electromagnetic impact for a variety of applications:
  - ▶ Encasing
  - ▶ Waterproofing
  - ▶ Sealing
  - ▶ Cable windings
  - ▶ Adhesive tapes
  - ▶ Laminates
  - ▶ Earthing

### Technical data

Thickness:	approx. 0.117 mm +/- 5% where appropriate plus adhesive coating approx. 0.090 mm +/- 0.01
Specific weight:	75-105 g/m <sup>2</sup> where appropriate plus adhesive coating
Shielding effective:	30 MHz/300 MHz: 70 dB 3 GHz/18 GHz: 56 dB
Specific sheet resistance:	≤ 0.07 Ω/m <sup>2</sup>
Breaking strength:	50/75 N/cm (ASTM D5035)
Heat resistance:	short-term up to +210°C

### Delivery

Cut sheets, tapes and punched parts, depending on the customer's requirements.  
Self-adhesive version also available, e.g. with electrically conductive adhesive coating.

The above values are intended as a guide or have been obtained under laboratory conditions and do not constitute any guarantee of product properties. We recommend carrying out preliminary tests to check that our products are suitable for use with other products. Under our General Terms and Conditions, we guarantee consistently high product quality, but due to the many possible applications we cannot accept any liability for specific results in practical applications. This data sheet supersedes any previous versions.