



### Conductive Tapes – Electrical Semi-Conducting Tape

#### HelaTape Shield 310



HelaTape Shield 310 self-amalgamating conducting tape for shielding high voltage splices and terminations.

#### Features and benefits

- Self-amalgamating conducting tape made from ethylene propylene rubber
- Provides good conducting properties
- Prevents partial discharges
- Moisture and UV-resistant and easy to apply
- Replacement for semiconducting layer underneath the metallic shield in case of repairs and connections of medium to high voltage cables

|   |                                 |
|---|---------------------------------|
| <b>MATERIAL</b>                           | Ethylene Propylene Rubber (EPR) |
| <b>Operating Temperature</b>              | +90 °C                          |
| <b>Intermittent Operating Temperature</b> | +130 °C                         |
| <b>Water Absorption</b>                   | 0.02 %                          |
| <b>Elongation at break</b>                | 500 %                           |
| <b>Volume Resistance</b>                  | 870 Ω cm                        |

RoHS

### Conductive Tapes – Electrical Shielding Tape

#### HelaTape Shield 320



HelaTape Shield 320 provides good electromagnetic shielding.

#### Features and benefits

- Copper shielding braid, tin-plated
- Quick and easy to use due to copper knit-mesh design
- Excellent conformability
- Good electromagnetic properties
- Used for splices and terminations of shielded cables

|                            |                          |
|----------------------------|--------------------------|
| <b>MATERIAL</b>            | Tin-plated copper (TNCU) |
| <b>Elongation at break</b> | 5 %                      |

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#### HelaTape Shield 310

| TYPE            | Thickness (T) | Width (W) | Length (L) | Colour     | Article-No. |
|-----------------|---------------|-----------|------------|------------|-------------|
| HTAPE-SHIELD310 | 0.76          | 19.0      | 4.6 m      | Black (BK) | 711-10000   |
|                 | 0.76          | 38.0      | 9.1 m      | Black (BK) | 711-10001   |

All dimensions in mm. Subject to technical changes.  
Minimum Order Quantity (MOQ) may differ from package content.

#### HelaTape Shield 320

| TYPE            | Thickness (T) | Width (W) | Length (L) | Colour       | Article-No. |
|-----------------|---------------|-----------|------------|--------------|-------------|
| HTAPE-SHIELD320 | 0.45          | 25.0      | 4.6 m      | Natural (NA) | 711-10002   |

All dimensions in mm. Subject to technical changes.  
Minimum Order Quantity (MOQ) may differ from package content.