

# CABLE



## Product Datasheet

### 3C4321 (preliminary) Tacky semiconductive separation tape



#### Description

- Tacky surface
- Extrudate penetration barrier
- High tensile and tear strength
- Thin material

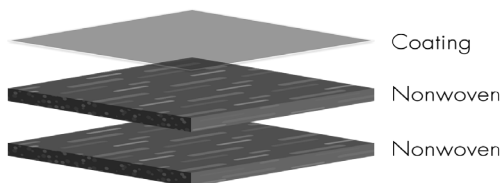
#### Application

- Bedding, binding, separation and heat barrier
- High friction to prevent slipping
- Separation over stranded conductor
- Excellent conductor protection during high pressure extrusion
- Under and over a metal tape, wire screen
- Shielding and electric field control

#### Specifications

| Properties                  |                  | Value | Test method          |
|-----------------------------|------------------|-------|----------------------|
| Thickness                   | mm               | 0,26  | ISO 9073-2           |
| Mass per unit area          | g/m <sup>2</sup> | 162   | ISO 9073-1           |
| Tensile strength            | N/cm             | 100   | ISO 9073-3           |
| Elongation                  | %                | 15    | ISO 9073-3           |
| Swelling height (1 min.)    | mm               | -     | HD 605 S1/A1 (KE100) |
| Swelling height (3 min.)    | mm               | -     | HD 605 S1/A1 (KE100) |
| Specific length resistivity | Ωcm              | 10    | DIN 54345 Part 5     |
| Volume resistivity          | kΩcm             | 110   | DIN 54345 Part 1     |
| Service temperature         | °C               | ≤ 140 | IEC 60216 (TIS 045)  |
| Processing temperature      | °C               | ≤ 225 | (TIS 045)            |

#### Product composition



#### Slitting dimensions

| Dimensional data      |    | Pads                   |      | Spools          |      |
|-----------------------|----|------------------------|------|-----------------|------|
|                       |    | min.                   | max. | min.            | max. |
| Slit width            | mm | 10                     | 960  | 10              | 50   |
| Outer diameter        | mm | custom                 |      |                 |      |
| Inner diameter (core) | mm | 77, 102, 121, 127, 153 |      |                 |      |
| Core width            | mm | Slit width             |      | ≤ 500           |      |
| Wound width           | mm | -                      |      | Core width - 20 |      |

*Customisation possible on request*

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