

The Maunt logo is displayed in a bold, yellow, sans-serif font on a black rectangular background.

**M00001171**

**Cover tape fiber optic, 120x1.5mm, turquoise, roll 50m, Maunt**



**Description**

HDPE cover tape for covering and marking underground fiber optic cables, ducts and pipes. The tape is laid in the trench above the cable or duct and, thanks to the toughness of the polyethylene, provides resistance to mechanical loads, such as during excavation work. The material is resistant to acids, alkalis and salt solutions.

**Brand**

Maunt



### Physical specifications

|                  |                                              |
|------------------|----------------------------------------------|
| Material         | HDPE (recycled)                              |
| Color            | Turquoise                                    |
| Width            | 120 mm                                       |
| Thickness        | 1.5 mm                                       |
| Roll length      | 50 m                                         |
| Surface          | Smooth                                       |
| Density          | 960 kg/m <sup>3</sup> according to DIN 53479 |
| Water absorption | < 0.03% according to DIN 53495               |

### Mechanical specifications (at 23°C)

|                                             |                                               |
|---------------------------------------------|-----------------------------------------------|
| Modulus of elasticity                       | 1000 N/mm <sup>2</sup> according to DIN 53457 |
| Tensile strength                            | 27 N/mm <sup>2</sup> according to DIN 53455   |
| Elongation at break                         | 400% according to DIN 53455                   |
| Impact strength (Charpy, unnotched)         | No break according to DIN 53453               |
| Coefficient of friction against steel (dry) | 0.15                                          |
| Hardness                                    | 63 Shore D according to DIN 53505             |

### Thermal and electrical properties

|                                          |                                             |
|------------------------------------------|---------------------------------------------|
| Vicat softening temperature (A/50, 10 N) | 130°C according to DIN 53460                |
| Linear expansion                         | 1.8 mm/m/10°C according to DIN 53752        |
| Thermal conductivity                     | 0.4 W/m·K according to DIN 52612            |
| Breakdown voltage                        | > 60 kV/mm according to DIN 53481           |
| Surface resistance                       | > 10 <sup>13</sup> Ω according to DIN 53482 |
| Dielectric constant                      | 2.4 according to DIN 53483                  |

### Environmental specifications

|                       |                                                                                           |
|-----------------------|-------------------------------------------------------------------------------------------|
| Operating temperature | -20°C to +80°C                                                                            |
| Chemical resistance   | Generally very good against acids, alkalis and salt solutions; contact Maunt for solvents |

### Classification codes and standards

|             |                                                                                                |
|-------------|------------------------------------------------------------------------------------------------|
| Standards   | Meets the functional requirements according to EN 50520, BS 2484, DIN 54841-5 and ÖNORM E 6530 |
| Fire safety | Fire class B2 according to DIN 4102                                                            |