

Semi-conductive Reinforced Water-blocking Tapes MSCWH

Composition: Reinforced polyester non-woven fabric, super absorbent resin, semi-conductive adhesive

Application:

Applications where a robust tape is required and used for water-blocking in neutral screen wire between cable components. It has excellent tensile strength.

| | | Types | | |
|----------------------|------------------|------------------|------------------|----------------------|
| Property | Unit | MSCWH-40 | MSCWH-50 | Test Method |
| Mass per unit area | g/m ² | 130±20 | 150±20 | ISO9073-1 |
| Thickness | mm | 0.40±0.05 | 0.50±0.05 | ISO9073-2 |
| Tensile Strength | N/cm | ≥80 | ≥100 | ISO9073-3 |
| Elongation | % | ≥12 | ≥12 | ISO9073-3 |
| Surface resistance | Ω/□ | ≤1500 | ≤1500 | DIN53482 |
| Volume resistance | Ω.cm | ≤10 ⁶ | ≤10 ⁶ | DIN54345 |
| Swelling speed | mm/1'00 | ≥8 | ≥8 | Supplier Test Method |
| Swelling height | mm/3'00 | ≥12 | ≥12 | Supplier Test Method |
| Short-term stability | °C | 230 | 230 | Supplier Test Method |
| Long-term stability | °C | 90 | 90 | IEC216 |
| Moisture content | % | <9 | <9 | ISO287 |

Spool is ordered from 150mm-700mm. Width, ID available on request.
Other specifications available on request.