

## Semi-conductive Water-blocking Binding Tapes MHYSW

**Composition:** Polyester fabric, super absorbent resin, adhesive

**Application:**

Conductor binding, shielding and separating in cables, especially in load explore cable.

		<b>Types</b>			
Property	Unit	MHYSW-15	MHYSW-20	MHYSW-30	Test Method
Mass per unit area	g/m <sup>2</sup>	130±20	150±20	220±20	ISO9073-1
Thickness	mm	0.15±0.04	0.20±0.04	0.30±0.04	ISO9073-2
Tensile Strength	N/cm	≥100	≥120	≥220	ISO9073-3
Elongation	%	≥20	≥20	≥20	ISO9073-3
Surface resistance	Ω/□	≤1500	≤1500	≤1500	DIN53482
Volume resistance	Ω.cm	≤10 <sup>6</sup>	≤10 <sup>6</sup>	≤10 <sup>6</sup>	DIN54345
Swelling height	mm/1'00	≥5	≥5	≥6	Supplier Test Method
Short-term stability	°C	230	230	230	Supplier Test Method
Long-term stability	°C	145	145	145	IEC216

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