

Water-blocking Tapes

For Optical and Electrical Cables

Our water-blocking tapes are made of polyester cloth and super absorbent resin. It could be used in electricity transmitting cable, electric communication cable and optical fiber cable. If water permeates through the cracks existing in the cable core, it will absorb the water instantly and expand by several times. At the same time the super absorbent resin will form a kind of gel, which will fully fill the cracks in the cable and stop more water permeation.

Our water-blocking tapes provide outstanding waterproof performance for the cables.



Technical Specification

Types	WZD-25	WZD-30
Thickness, mm	0.25	0.30
Width, mm	≥ 12	
Weight, g/m ²	100 ± 10	110 ± 10
Speed of expansion, mm/1 st min	≥ 7	≥ 8
Height of expansion, mm/5th min	≥ 10	
Tensile strength, N/10mm	≥ 30	≥ 35
Elongation, %	≥ 12	
Water content, %	<7	
Constant aging against high temperature	90°C, 24h	
Instant aging against high temperature	230°C, 5min	
Remark	1) Cardboard Tube, mm($\Phi 76 \pm 1$); 2) Length, 800m/Spool; 3) Package: 850x850x400mm Carton lined with plastic sheets and double straps; 4) Gross weight: around 20kg.	