

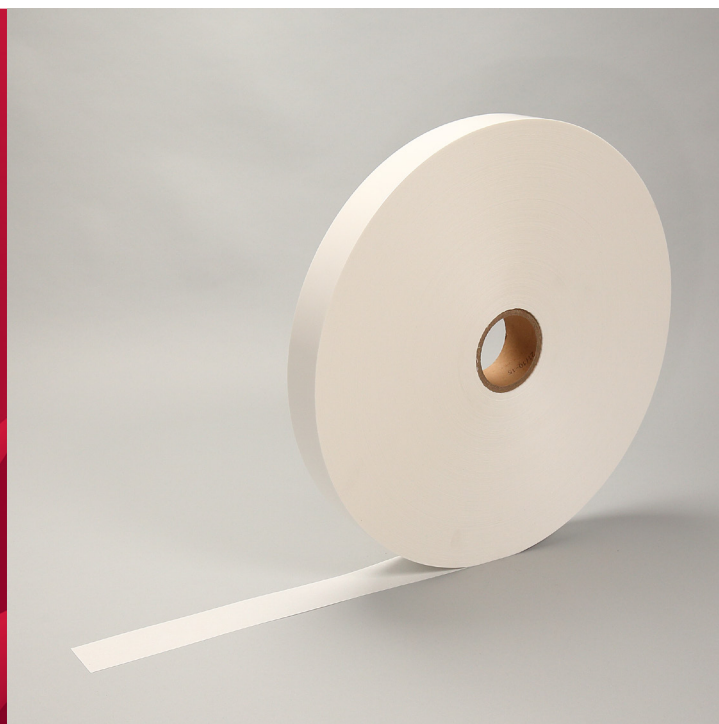
CABLE



Product Datasheet

3E5440

Nonconductive waterblocking tape



Description

- Fast swelling and good blocking performance
- Equal swelling on both sides
- Thin material

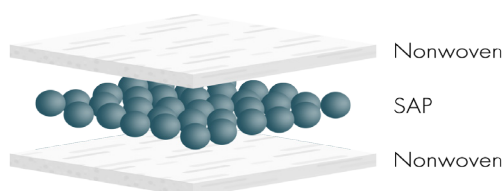
Application

- Bedding, separation and waterblocking
- Large size gaps
- Over insulation screen combined with SC tape
- Under an extruded lead/aluminium sheath or jacket
- Under corrugated aluminium sheath or steel armor
- Inside buffer tube and dry core Optical Fiber Cable

Specifications

Properties		Value	Test method
Thickness	mm	0,33	ISO 9073-2
Mass per unit area	g/m ²	90	ISO 9073-1
Tensile strength	N/cm	40	ISO 9073-3
Elongation	%	14	ISO 9073-3
Swelling height (1 min.)	mm	21	HD 605 S1/A1 (KE100)
Swelling height (3 min.)	mm	22	HD 605 S1/A1 (KE100)
Specific length resistivity	Ωcm	-	DIN 54345 Part 5
Volume resistivity	kΩcm	-	DIN 54345 Part 1
Service temperature	°C	≤ 90	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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