

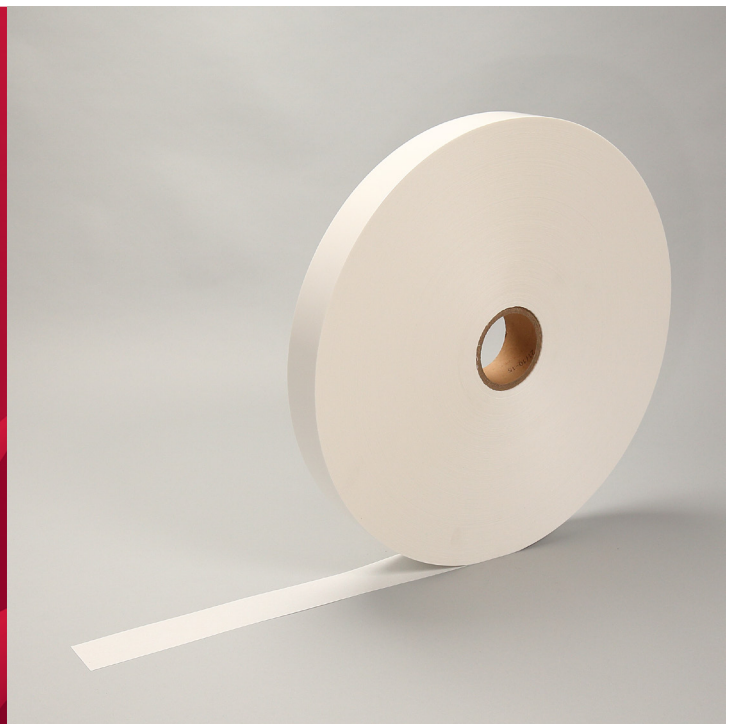
CABLE



Product Datasheet

3L1542

Nonconductive waterblocking tape with PET-film



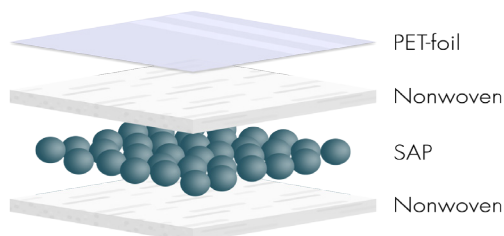
Description

- Fast swelling and good blocking performance
- Preferential swelling direction
- Excellent gel blocking and dielectric strength
- Strong and thin material

Application

- Separation, gel barrier and waterblocking
- Medium and large size gaps
- Over gel-filled tubes
- Smooth processing
- Shielding

Product composition



Specifications

Properties		Value	Test method
Thickness	mm	0,25	ISO 9073-2
Mass per unit area	g/m ²	90	ISO 9073-1
Tensile strength	N/cm	55	ISO 9073-3
Elongation	%	15	ISO 9073-3
Swelling height (1 min.)	mm	9	HD 605 S1/A1 (KE100)
Swelling height (3 min.)	mm	10	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)
Breakdown voltage	kV(AC)	4	IEC 60243

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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