

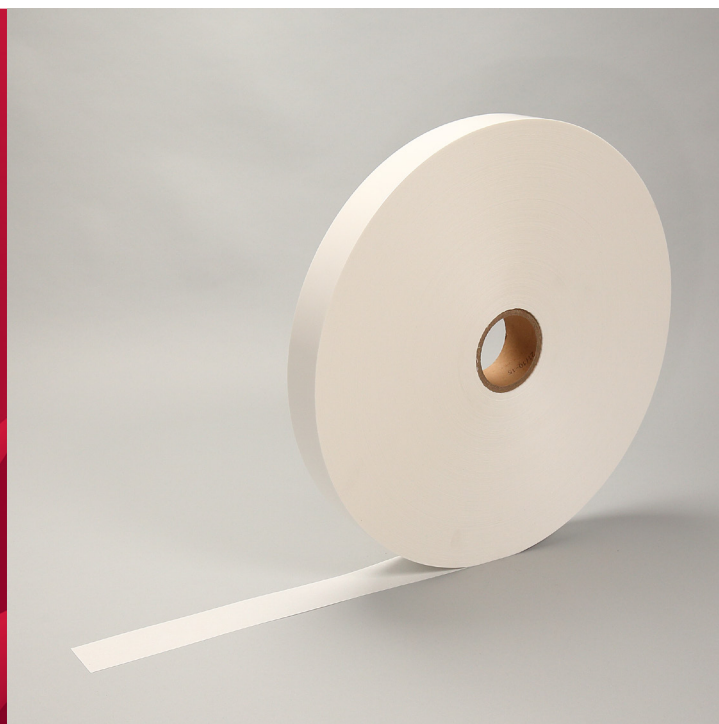
# CABLE



## Product Datasheet

### 3M1890

Nonconductive submarine waterblocking tape



#### Description

- Excellent swelling and waterblocking
- Good aquamarine swelling
- Equal swelling on both sides
- Good bedding performance

#### Application

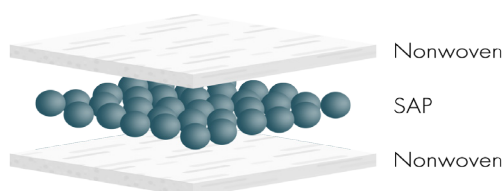
- Bedding, binding and waterblocking
- Large size gaps
- Over insulation screen combined with SC tape
- Under and over a metal tape, wire screen or armor
- Under an extruded lead/aluminium sheath or jacket

#### Specifications

Properties		Value	Test method
Thickness	mm	0,50	ISO 9073-2
Mass per unit area	g/m <sup>2</sup>	190	ISO 9073-1
Tensile strength	N/cm	60	ISO 9073-3
Elongation	%	11	ISO 9073-3
Swelling height (1 min.)	mm	17 / 2,4*	HD 605 S1/A1 (KE100)
Swelling height (3 min.)	mm	25 / 3,2 *	HD 605 S1/A1 (KE100)
Specific length resistivity	Ωcm	-	DIN 54345 Part 5
Volume resistivity	kΩcm	-	DIN 54345 Part 1
Service temperature	°C	≤ 110	IEC 60216 (TIS 045)
Processing temperature	°C	≤ 225	(TIS 045)

\* Measured in 3,3% NaCl water

#### 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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