Water Blocking Tape

1. Introduction

Water blocking tape can be divided into two categories: single-sided water blocking tape and double-sided water blocking tape. The single-sided water blocking tape is compounded of single layer of polyester fiber non-woven fabric and super absorbent expansion material. The double-sided water blocking tape is compounded of polyester fiber nonwoven fabric, super absorbent expansion material, polyester fiber nonwoven fabric in sequence. The water blocking tape has features of strong hygroscopicity, large expansion rate and fast expansion rate, high mechanical strength, non-corrosive, easy wrapping and longitudinal wrapping, good heat resistance, high instant temperature resistance so that the cable can maintain stable performance at instant high temperature.

Water blocking tape is used for cable cores and protective layers in communication cables, power cables, optical fiber cables and other water blocking structure cables, so as to play the role of binding and blocking water.

2. Parameters

Item	Nominal thickness (mm)	Tensile strength (N/cm)	Breaking elongation (%)	Expansion speed (mm/min)	Expansion height (mm)	Water ratio (%)	Long-term stability (℃)	Shor stabi
Single-sided water blocking tape	0.15	≥ 20	≥ 12	≥ 6	≥ 8	≤ 9	90	2
	0.20	≥ 25		≥ 6	≥ 8			
	0.25	≥ 30		≥ 8	≥ 10			
	0.30	≥ 30		≥ 10	≥ 12			
Double-sided water blocking tape	0.15	≥ 20		≥ 6	≥ 8			
	0.20	≥ 20		≥ 6	≥ 8			
	0.25	≥ 25		≥ 8	≥ 10			
	0.30	≥ 30		≥ 10	≥ 12			
	0.40	≥ 40		≥ 10	≥ 12			
	0.50	≥ 40		≥ 12	≥ 14			

Note: We can also provide seawater blocking tape with special performance according to customers' requirements.

Product link：https://www.linttop.com/water-blocking-tape.html