

DATASHEET

Product: Water-Blocking Filler Yarn

Product ID: SF-SWP300H

Application & Characteristics:

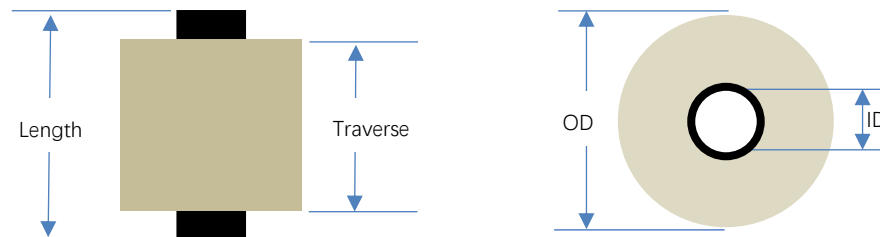
Water-Blocking Filler Yarn is well-proven filler laid along with optical fiber in buffer tubes of optical fiber cable and provides excellent water-blocking ability to stop water/moisture's intrusion instead of gel.

- Ultra-low hot shrinkage
- High water swellable performance
- Limited dust
- Soft enough
- Good moisture-regain resistance in open air

Physical Properties:

Property	Unit	Nom.	Min.	Max.	Standard
Linear Density	Denier	300	270	360	ASTM D1907
Break Strength	N	9.5	6.5	-	ASTM D2256
Elongation at Break	%	15.0	10.0	-	ASTM D2256
Hot shrinkage	%	4.5	-	6.0	QX22-12-08a
Absorption Speed	g/g/min.	70.0	60.0	-	QX22-12-01
Absorption Capacity	g/g	85.0	70.0		QX22-12-01

Packaging:



Tube Specs	ID	Length	Traverse	Max. OD	Surface
Q94x216	94mm	216mm	185mm	270mm	rough
Q94x290	94mm	290mm	250mm	270mm	rough