



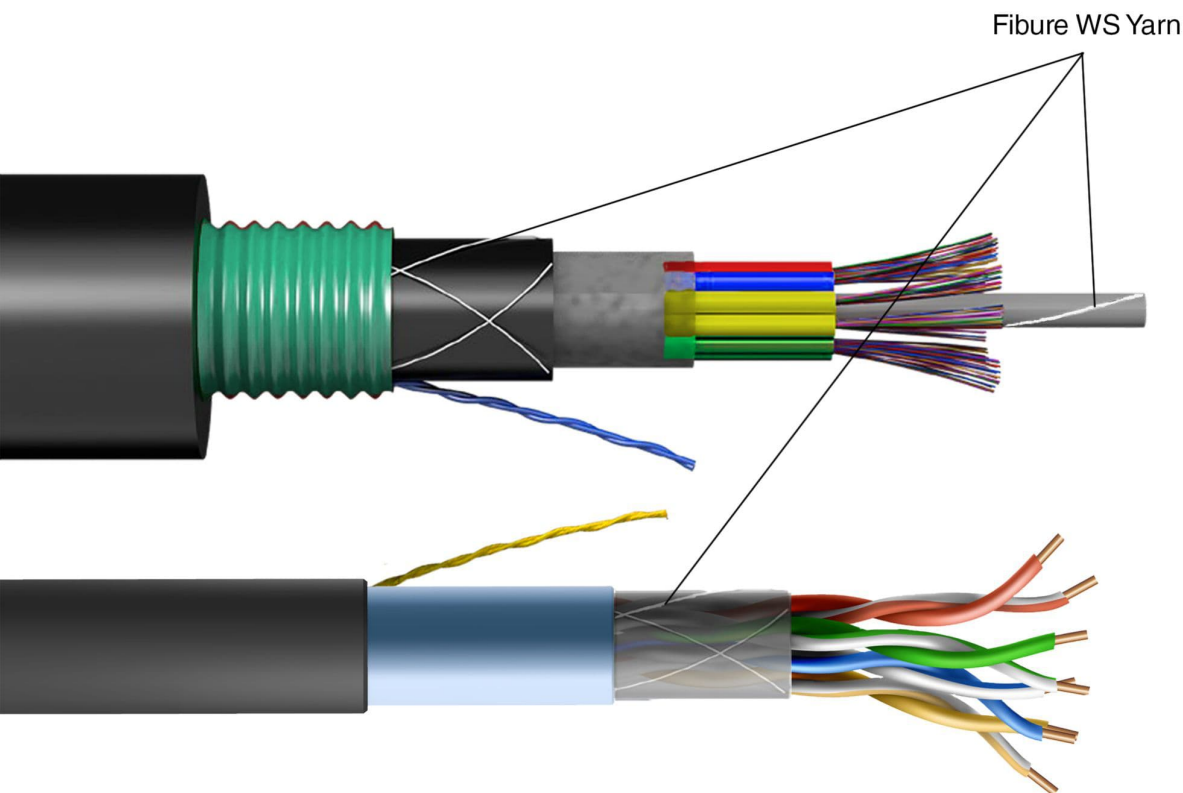
Fibure

Water Swellable Yarn

Fibure Water- Swellable Yarn is put- to- use in cables to prevent water penetration and eliminates the risk of revelation of the cable centre to water.

Fibure Water Swellable Yarn is ideal for use inside the cable as it swells instantly when it comes in contact with water and prevents the cable from damage.

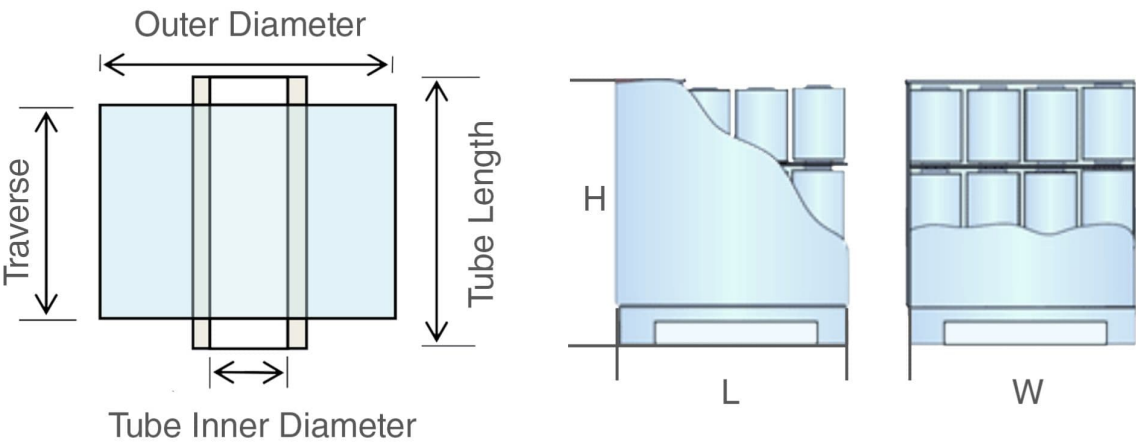
- Fast swelling speed
- Expand greatly with high tensile strength
- Excellent water blocking property



Properties	Meter weight	Runnage	Break Strength	Elongation	Swelling speed	Swelling capacity
Test method	ASTM D 885	ASTM D 885	ASTM D 885	ASTM D 885	Fibure method	Fibure method
Unit	g/m	m/kg	m/kg	N	ml/ gm/ min	ml/ gm/ 5 min
WS 1100 dTex						
Nom.	0.175	5714	70	16		
Min.	0.14	4762	60	11		
Max.	0.21	7143		21	9	45
WS 1670 dTex						
Nom.	0.257	3891	105	16		
Min.	0.206	3243	95	11		
Max.	0.308	4864		21	14	45
WS 2200 dTex						
Nom.	0.33	3030	140	16		
Min.	0.264	2525	130	11		
Max.	0.396	3788		21	18	45
WS 4500 dTex						
Nom.	0.5		108	15		
Min.	0.45				45	50
Max.	0.55		127	30		

Packing Dimensions	Unit	Paper Tube	Paper Tube	Paper Tube	Paper Tube
Tube inner diameter	mm	94	94	94	94
Bobbin Outer diameter	mm	220	240	275	240
Tube Length	mm	280, 230	220	220	220
Weight per bobbin	kg	0.50 to 2.0 (± 10 %)	4.0 to 5.0 (± 10 %)	6.0 to 6.5 (± 10 %)	4.0 to 5.0 (± 10 %)

Packing Information



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