

# ARTOFIL COATED YARN: MOST COST EFFECTIVE TO WATER BLOCK OPTICAL FIBER TUBES

## Artofil

Since 1951, Artofil is the manufacturer of High Tech Yarn for industrial applications. Customers rely on our knowhow and expertise for more than 65 years. Close co-operation enables Artofil to provide dedicated yarn solutions that fit our customer's requirements. The majority of the worldwide top 10 cable manufacturers use Artofil Yarn and appreciate the

- high reliability
- high quality
- high tech solutions
- high service

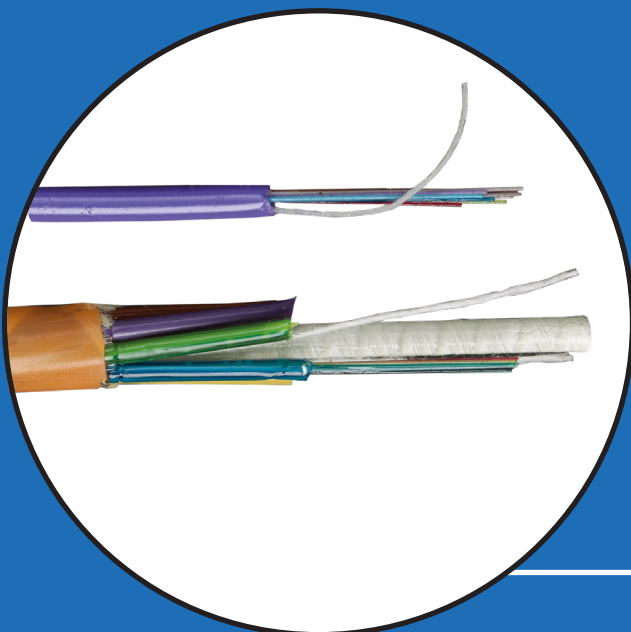
## Advantages tube thread

Water blocking yarn as gel substitute in fiber optic cables tubes for dry-dry design:

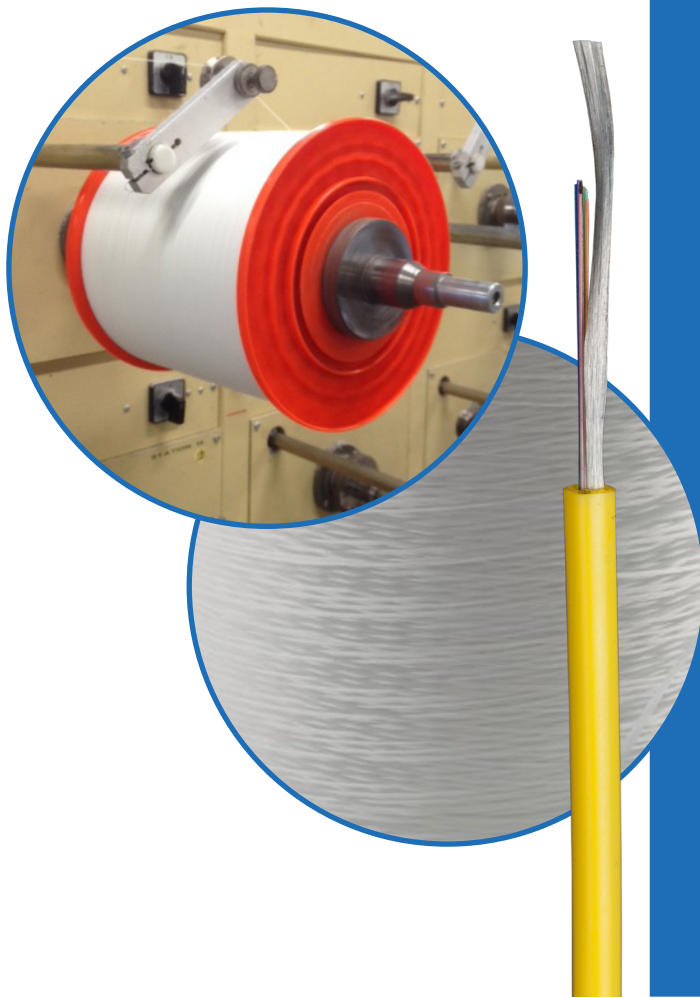
- Lower installation & maintenance costs
- Comply with Construction Products Regulation (CPR)

Manufacturers of fiber optic cables choose Artofil swellable yarn to water block tubes for:

- Reliability, comply with all international cable standards
- Health & safety: Clean yarn, no dust
- Lower production cost: Clean yarn so higher output/less stops, no lumps & less scrap
- Highest water absorption capacity in the market
- Good water block performance in saline water
- Low shrinkage
- All make ups / packaging required: cones and flange spools



PRODUCT PROPERTIES	index	CSP1500-ES	CSP1200-ES	CSP950-ES
Mass per 9,000 m	denier	600	750	947
Mass per 10,000 m	dtex	667	833	1052
Metric Count (Nm)	km/kg	15	12	9,5
Tensile strength	N	35	45	50
Elongation	%	> 17	> 12	> 12
Water absorption speed	ml/g/1min	55	55	55
Water absorption capacity	ml/g	100	100	100
Water absorption	g/m	8	10	12,6
Ultra Low Shrinkage 180° 15 min	%	2,4	2,4	2,4
SPOOL SPECIFICATION				
Weight	kg	4	4	5
Yarn Length	m	60.000	40.000	47.500
Core Type	-	Tube	Tube	Tube
Core inner diameter	mm	76 / 94	76 / 94	76 / 94
Core Length	mm	290	290	290
Outer diameter	mm	250	250	250



### Contact

Interested or questions?  
We have samples ready for shipment to you.  
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**ARTOFIL**  
High Tech Yarn