

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 70 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 Coatings and appreciate the

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

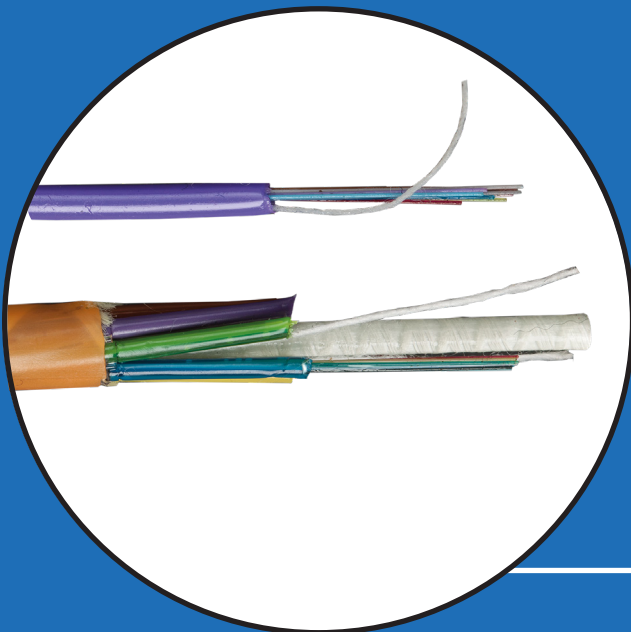
Advantages tube thread

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 | 100 | 100 | 100 |
| Water absorption capacity | ml/g | 120 | 120 | 120 |
| 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 | 48.000 | 47.500 |
| Core Type | - | Tube | Tube | Tube |
| Core inner diameter | mm | 54 / 60 / 76 / 90 / 94 / 107 / 127 | | |
| Core Length | mm | 216 | 216 | 216 |
| Outer diameter | mm | 250 | 250 | 250 |



Contact

Interested or questions?
We have samples ready for shipment to you.
Please contact Jack Meijer:

E jackmeijer@artofil.nl
T +31 493 329 888
M +31 63 97 99 17
W www.artofil.com

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