

## Product Datasheet

### 3WY Waterblocking yarns

#### Description

- Water swellable wrapped yarn
- Parallel fibers with fiber wrapped around the core
- Smooth surface
- Excellent swelling and gel strength
- Easily compressible

#### Application

- Binding and waterblocking in Fiber Optic, Data and Power Cables
- Apply longitudinal or cross laying
- In watertight conductors, as central filler or cross laying over strands
- Filler between cable cores of multi core cables
- Binder and waterblocking in multi core cable

The  
Original  
European  
Quality



#### Specifications

Properties		3WY020	3WY017	3WY025	3WY055	3WY410	3WY480
Diameter dry	mm	1,0	1,5	2,0	3,5	6,0	7,5
Diameter wet	mm	3,0	5,0	6,0	9,0	15,0	17,0
Mass per 9.000 m	denier	2.000	4.500	9.000	18.000	41.000	48.000
Mass per 10.000 m	dtex	2.222	5.000	10.000	20.000	45.556	53.333
Length per kg	km/kg	4,5	2,0	1,0	0,5	0,22	0,19
Water absorbency	g/m	> 5,6	> 15	> 30	> 60	> 137	> 160
Water absorbency	g/g	> 25	> 30	> 30	> 30	> 30	> 30
Tensile strength	N	> 30	> 40	> 78	> 90	> 90	> 100
Elongation	%	> 12	> 12	> 12	> 12	> 12	> 12
Service temperature	°C	≤ 150	≤ 150	≤ 150	≤ 150	≤ 150	≤ 150
Processing temperature	°C	≤ 230	≤ 230	≤ 230	≤ 230	≤ 230	≤ 230

#### Packaging dimensions

All yarns can be supplied on various cones and tubes.  
Please contact our sales office for exact specifications.

#### Product composition



## Cable solutions

### LANTOR CORE INSIDE The Original European Quality



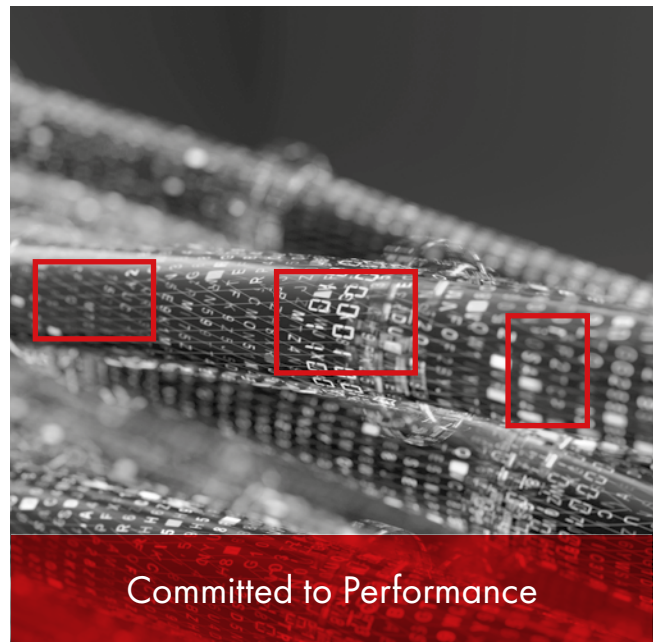
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Committed to Partnership



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