

# CABLE



## Product Datasheet

### 3WYF

Waterblocking yarns



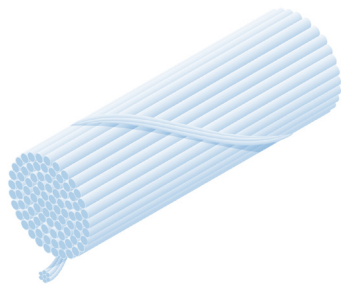
#### Description

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

#### Application

- Binding and waterblocking in Power Cables
- Apply longitudinal or cross laying
- As central filler
- Filler between cable cores of multi core cables
- Binder and waterblocking in multi core cable

#### Product composition



#### Specifications

Properties		3WYF12	3WYF18	3WYF24
Diameter dry	mm	12	18	24
Diameter wet	mm	19	27	33
Mass per 9.000 m	denier	115.000	180.000	270.000
Mass per 10.000 m	dtex	127.778	200.000	300.000
Length per kg	km/kg	0,078	0,050	0,033
Water absorbency	g/m	> 383	> 600	> 900
Water absorbency	g/g	> 30	> 30	> 30
Tensile strength	N	> 100	> 100	> 100
Elongation	%	> 20	> 20	> 20
Service temperature	°C	≤ 150	≤ 150	≤ 150
Processing temperature	°C	≤ 230	≤ 230	≤ 230

#### Packaging dimensions

All yarns can be supplied in various plastic bags.  
Please contact our sales office for exact specifications.

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