



S H A P I N G   T H E   F U T U R E

R O P E S   A N D   N E T S  
I N D U S T R I A L   Y A R N S



# INNOVATING TOGETHER FOR ADDED VALUE

## BEST-IN-CLASS PRODUCTS

As a worldwide leader in industrial yarns, Nexis Fibers develops, manufactures & distributes polyamide industrial yarns to producers of raschel & knotted nets, industrial ropes & specialty ropes.

We offer a wide range of high-tenacity polyamide 6 industrial yarns to the Ropes & Nets market. Our polyamide 6 yarns are light-protected, intermingled and easy to dye. We also offer best-in-class heat-resistant & UV-protected yarns and a large range of spun-dyed industrial yarns. Our yarns are available in titers ranging from 940 to 2100.

### Providing added value

With one of the largest production capacities worldwide and long-standing experience in the Ropes & Nets market, Nexis Fibers provides sustainable and reliable products and services. Nexis Fibers' leadership position in Europe and in the Americas is based on:

- a **dedicated** state-of-the art production facility based in Latvia, providing **global coverage** to its customers to **supply reliable products and commercial services**;
- a **wide range of products** meeting customers' key technical expectations and the capacity to **customize products and services** to optimize customer satisfaction;
- **constant research for innovation** through partnerships with key customers to understand their needs better, to identify key market functionalities and to prepare solutions for the future together.

### Supplying a wide range of products for in tune with market needs

Reference	Definition	Mechanical properties		
		Tenacity [cN/tex]	Elongation at break [%]	Hot air shrinkage 180°C [%]
371	UV protected, high tenacity, bright white	79	22	12
771	Super high UV protection, heat resistant, high tenacity, bright white	82	22	12.3
775	With marine finish*, light protected, heat resistant, high tenacity	82	22	12.3
821	High tenacity, heat resistant	54	40	16
851	Super high elongation, heat resistant	85	23	14
060	Spun dyed, light protected	69	19	13

\*Improved Yarn-on-Yarn abrasion resistance

### For net manufacturers

- Nexis Fibers offers bright white, UV-protected and intermingled polyamide 6 industrial yarns to net manufacturers. These yarns are available in a wide range of titers, adapted to each net design and are perfectly balanced for outstanding processing capabilities for the manufacture of raschel and knotted nets.



## Dedicating expert teams

### Customer service center

Our customer service center takes care of your orders from registration to delivery. They are at your disposal for all requests regarding orders, including follow-up, delivery schedules or specific documentation.

### Technical and marketing department

Our Technical and Marketing department provides you with technical assistance to design and deliver the most convenient products for end-use. If you come across any difficulties during processing, our technical managers will be at your disposal to provide the expertise you need. They will also work with you on innovative solutions to meet tomorrow's market expectations.

### Twisted and cabled yarn

Nexis Fibers can also deliver assembled, twisted and cabled yarns according to specifications. The finished product is delivered on equal length spools without splices.

E.g. 2x1880 S or Z twist or ((5x1400)S or Z twist )X3 S or Z twist.

	Package	Counts
Hot water shrinkage 95°C [%]	Bobbin weight [kg]	Dtex range
11.5	8.8	940, 1160, 1400, 1880
10.9	8.8	940, 1400, 1880
10.9	9.3	940, 1400, 1880
11.3	9.1	1400
10.1	9.1	940, 1400, 1880, 2100
11.0	4.4	940

### For rope manufacturers

- Nexis Fibers offers a wide range of polyamide 6 industrial yarns with the best compromise between tenacity and elongation, enabling manufacturers to meet the highest safety standards in the rope market. Nexis Fibers offers high-tenacity and heat-resistant yarns, as well as spun-dyed and easy-to-dye yarns, and has also developed yarns for industrial ropes, with a special finish for better abrasion resistance.

### Quality policy

- ISO 9001 certification
- 100% traceability

### New products (less than five years old)

- Type 771**, the best UV-stabilized yarn available in the market (confirmed by independent laboratories), which protects ropes and nets against sun exposure and increases their life cycles.
- Type 775**, with a special finish, which significantly improves yarn-on-yarn abrasion resistance in dry conditions and increases rope life cycles.

### Contribution to customers and sustainable development

- Nexis Fibers cooperates with its customers to reduce and recycle their waste, with innovations such as biodegradable spin finishing.
- Nexis Fibers has launched partnership projects to contribute to a cleaner environment with its customers and suppliers throughout the supply chain.

### Plants

**Daugavpils** (Latvia)  
**Humenné** (Slovakia)

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## Marketing and Technical Team

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