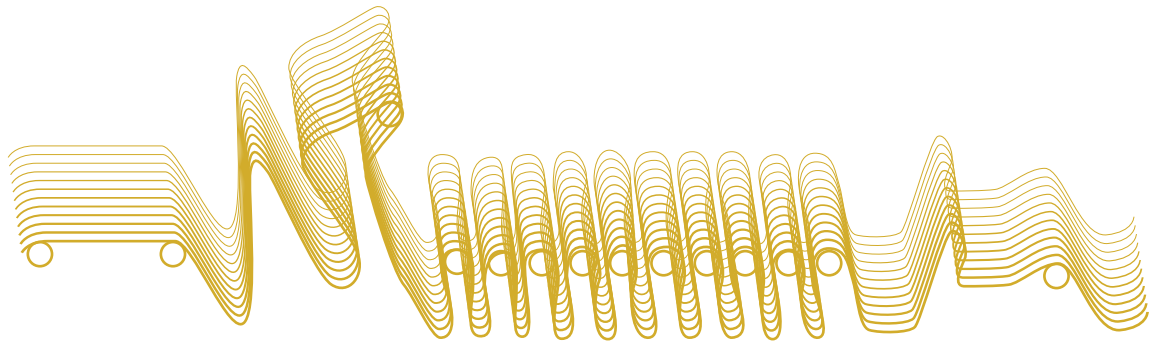




S H A P I N G T H E F U T U R E



P A P E R M A C H I N E C L O T H I N G

S T A P L E F I B E R S - M O N O F I L A M E N T



PROVIDING DEDICATED TECHNOLOGY

UNIQUE PRODUCER OF FULL-RANGE PMC PRODUCTS

As a unique supplier of staple fibers and monofilaments for Paper Machine Clothing (PMC), Nexis Fibers is fully committed to this market.

We offer staple fibers with high molecular weight polyamide 6, as well as single or twisted monofilaments for press felts, monofilaments for forming fabrics and monofilaments for dryer screens.

Nexis' added value

Nexis is a major and recognized player in the PMC markets in Europe, America, and Asia, with a value proposal based on:

- A unique offer to the market, **combining staple fibers and monofilaments**, thus facilitating your purchasing process;
- **A variety of tailor-made products**, providing the best solutions for our customers;
- **Top quality and consistency** of our products, based on many years of experience;
- Research & development in **close cooperation with our customers** to obtain new products with higher added value;
- **Modern laboratory & testing equipment** to analyze fibers and monofilaments;
- **Technology**, with the capability to produce very fine monofilaments (from 20 mm) up to heavy denier (1 mm) as well the know-how to produce very high molecular weight staple fibers;
- **Integrated Processes**, with the capability to produce our own polymers in PA 6, PA 6.6 and PA 6.10, as well as PET, thus optimizing polymers for special applications;
- **Twisting Capacity for monofilaments** in our plant in Gorzów (Poland), including final quality control;
- **Bundle offer**: Commercial incentives for guaranteed supplies of monofilament and staple fibers.

A wide range of products

NEXYLON Staple fibers for Press Felts

Staple Fibers	Dtex	Polymer	Type	Section	Cut	Special / Remarks
Main Counts	2.2 - 100	PA 6	RX144, RX145, RX147	round	straight / vario	High Molecular Weight Chemically stabilized
Specialty	Dtex	Polymer	Type	Section	Cut	Special / Remarks
Flat	7.0 - 22	PA 6	RX145 F	flat	straight / vario	High Molecular Weight Chemically stabilized
Coarse Counts	140 - 220	PA 6	R140	round	straight	Chemically stabilized
PA 6.10 Fibers	7 - 66	PA 6.10	QX610	round	straight	



For Press Felt*

Monofilament	Diameter	Polymer	Type	Section	Special / Remarks
Single	0.35 - 0.50	PA 6 PA 6.6 PA 6.10	B170, B171 D181, D183 J181, J182, J183 J281, J282, J283	round	Chemically stabilized High molecular weight
Twisted	0.20 (0.12 - 0.30)	PA 6 PA 6 PA 6.6 PA 6.10	A171, A172, B171, B172, B571 D181, D183 J281, J282, J186	round	Twist construction: 2x2; 2x3; 2x4; 2x5; 3x3; 1x3

For Forming Fabrics*

Monofilament	Diameter	Polymer	Type	Section	Special / Remarks
Warp and Weft	0.08 mm 0.50 mm	PET	K181; K182; K183 K580; K581; K582; K583 Other type: on demand	round	High molecular weight
Weft	0.08 mm 0.50 mm	PA 6	B170, B171 B172, B173 Other type: on demand	round	High molecular weight Chemically stabilized

For Dryer Screens*

Monofilament	Diameter	Polymer	Type	Section	Special / Remarks
Warp and Weft	0.40 mm 0.70 mm	PET	K683, K393, K483	round	High molecular weight
Warp	0.28x0.56 mm 0.38x0.99 mm 0.58x0.88 mm	PET	K483, K393	flat	High molecular weight Hydrolyze resistance Soil resistant products

Colors available: red, green, black, blue

*Different kinds of spools available

Quality policy

- OEKO TEX certification
- ISO 9001 certification since 1996
- 100% traceability

R&D Pipeline

- Coordinated effort, both in-house and with customers, to develop new applications, thus providing higher performance capabilities, contributing to streamlined processing and resulting in more marketable products.
- Developing new products and improving existing ones.
- 30% of Nexis Fibers PMC sales are generated by new products.

Sustainable development respecting Safety, Health, and Environmental standards

Plants

Neumünster (Germany)
Producing Staple Fibers since 1950.
Offering PA6, PA6.6, PA6.10 and PPS, with a wide range from 1 dtex to 100 dtex (up to 220 dtex)

Gorzów (Poland)
Producing monofilaments made of PA 6, PA 6.6, PA 6.10, PET, PPS, PP, PBT

Marketing and Technical Team

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