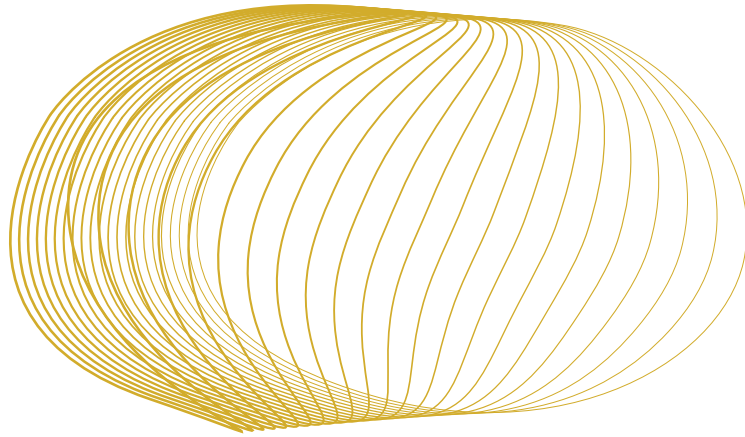


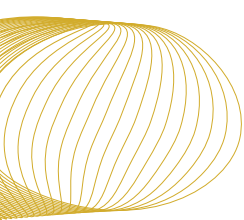


S H A P I N G T H E F U T U R E



A I R B A G & W E A V I N G
I N D U S T R I A L Y A R N S





CONTRIBUTING TO THE FUTURE OF SAFETY

HIGH-QUALITY YARNS

For the airbag industry, Nexis Fibers provides a wide range of PA 6.6 high tenacity and super high tenacity yarns for all main airbag applications, with 100% traceability, from the bobbin to the polymer.

Maintaining its state-of-the-art technology, Nexis Fibers provides a full product range of PA 6.6 & PA 6 high tenacity yarns for the most demanding and sophisticated weaving applications in a wide range of industries.

Providing added value

- Reliable European manufacturer of high-quality polyamide yarns for the airbag industry and the entire weaving market;
- State-of-the-art yarn production facility in Slovakia, based on Swiss expertise, for airbag and other sophisticated weaving applications;
- Production processes respecting the most rigorous European environmental standards;
- 100% traceability from the bobbin to the polymer;
- Intensive and sustainable yarn developments in partnership with our direct and indirect customers;
- Dedicated customer service provided by a skilled and trained service team, providing technical support where and when it is needed;
- 100 years experience as a yarn manufacturer.

Supplying a wide range of products

AIRBAG

Polyamide	Reference	Definition	Tenacity [cN/tex]
PA 6.6 HT	644	Heat resistant, light protected, intermingled	72.0
PA 6.6 SHT	682	Heat resistant, light protected, intermingled	84.0

WEAVING

Polyamide	Reference	Definition	Tenacity [cN/tex]
PA 6.6 HT	632	Heat resistant, light protected, intermingled	74.0
	633	Heat resistant, light protected, intermingled	74.0
	634	Heat resistant, light protected, intermingled	74.0
	640	Heat resistant, light protected, intermingled	70.0
PA 6 HT	371	Light protected, bright white	79.0
PA 6 HT spun dyed	060	Light protected	69.0



Dedicated expert teams

Our global acting Technical and Marketing department provides customers with assistance to define, design and deliver the most relevant and convenient products for end-users. If customers face any difficulties during processing, Nexis Fibers Technical Managers are at their disposal to provide the required expertise, when it is needed. They work with customers on innovative solutions to meet tomorrow's market expectations.

		Counts	
Elongation at break [%]	Hot air shrinkage 180°C [%]	Dtex range	
22	8.5	470 f 68 ldpf 470 f 136	
22.5	7.0	470 f 68, 580 f 136, 700 f 105 ldpf 350 f 136, 470 f 136	

		Counts	
Elongation at break [%]	Hot air shrinkage 180°C [%]	Dtex range	
20.5	5.8	110 f 17, 235 f 34, 470 f 68	
20.0	5.8	235 f 34, 470 f 68	
18.5	10.0	235 f 34, 470 f 68	
19.5	12.5	117 f 17	
22.0	12.3	940 f 140, 1160 f 140, 1400 f 210, 1880 f 280, (700 f 140 on request)	
19.0	13.0	940 f 136	

Ensuring quality throughout the process

- ISO/TS 16949

R&D constantly improving product offering

- Long-term experience in research & development of airbag yarns both in-house and in partnership with direct and indirect customers.
- Continuous and sustained development of yarn types with improved properties for airbag and weaving applications.

Contributing to sustainable development

- Safety for automotive industry.
- Nexis Fibers cooperates with its customers to reduce and recycle their waste, with innovations such as biodegradable spin finishes.
- Recyclable and reusable products.
- Continuous search for satisfying future needs...

Plants

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