

Useful information

Conversions & definitions

From:	To:	Multiply by:	From:	To:	Multiply by:
Breaking Strength / Force / Tenacity			Mass / Weight		
Newtons	Pounds-Force	0.225 lbf/N	Kilograms	Pounds	2.2046 lb/kg
Pounds-Force	Newtons	4.448 N/lbf	Pounds	Kilograms	0.4536 kg/lb
Kilograms (mass)	Newtons	9.807 N/kg	Grams	Ounces	0.0353 oz/g
Newtons	Kilograms (mass)	0.102 kg/N	Ounces	Grams	28.35 g/oz
cN/tex	Grams/denier	0.113 gpd/(cN/tex)	Linear Density		
Grams/denier	cN/tex	8.83 cN/tex/gpd	Denier	Tex	0.111 Tex/D
Length			Denier	Decitex	1.11 Dtex/D
Meters	Yards	0.914 m/yd	Tex	Den	9.0 D/Tex
Yards	Meters	1.094 yd/m	Decitex	Den	0.9 D/Dtex
Meters	Feet	3.281 ' /m	Term:		
Feet	Meters	0.305 m'	Definition:		
Centimeters	Inches	0.394 "/cm	Tex =	# grams / km	
Inches	Centimeters	2.54 cm/"	Decitex =	# grams / 10 000m	
Milimeters	Inches	0.039 "/mm	Denier =	# grams / 9000m	
Inches	Milimeters	25.4 mm/"	Tenacity =	Breaking Strength / Linear Density	



Locations of Nexis Fibers

Nexis Fibers a.s. – Headquarters

Chemlonska 1
SK-06612 Humenné
Slovakia

Nexis Fibers SIA

Vishku 21,
LV-5410 Daugavpils
Latvia

Nexis Fibers Trading & Services Ltd

Atlanta, GA, Sales office
USA

Contacts

Sales contact:

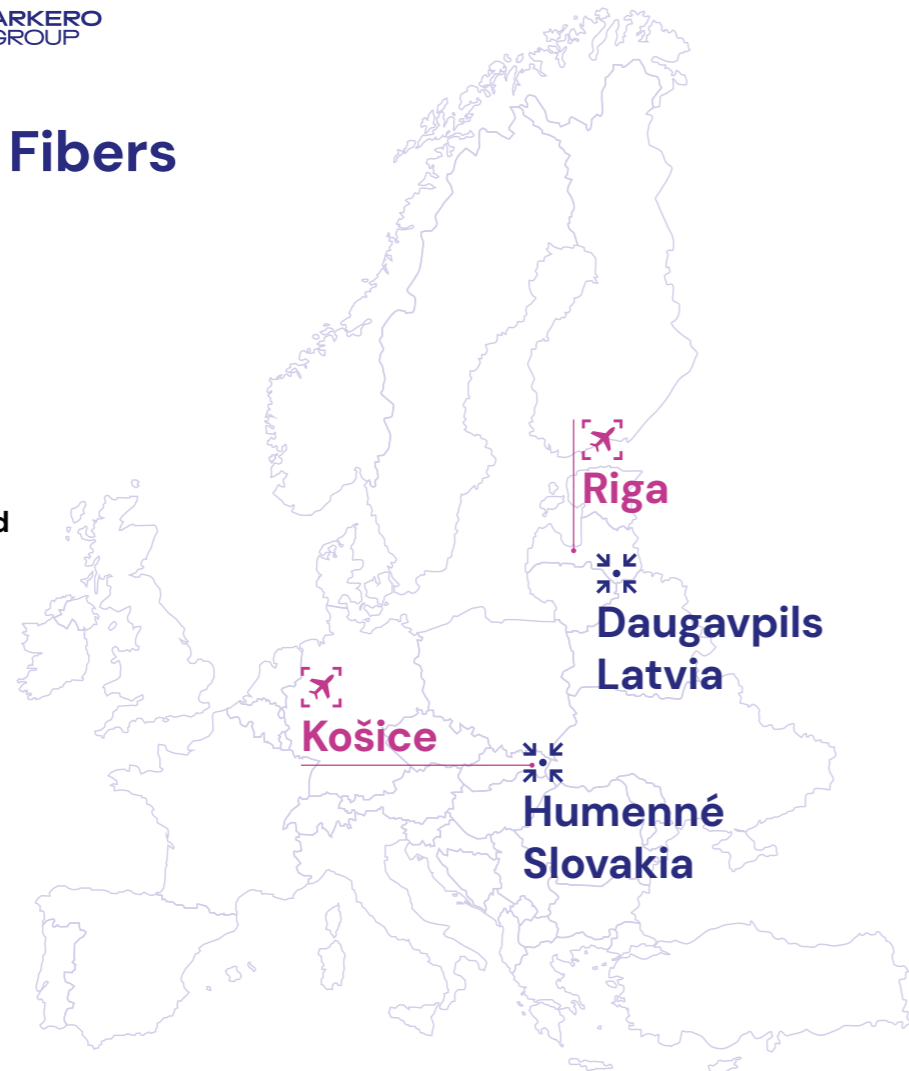
• Europe: +421 917 472 019
laura.salatova@nexis-fibers.com

• Americas & South Africa:
+1770 331 5380
barbara.danak@nexis-fibers.com

Technical contact:

+421 917 472 041
tomas.krsko@nexis-fibers.com

+421 905 648 184
juraj.dluzanin@nexis-fibers.com



Creating the next generation of yarns and polymers

The Widest Range of High / Super High Tenacity Polyamide Yarns, Plying, Twisting, Texturing, and Polymers



www.nexisfibers.com



Shaping the future

Nexis Fibers is proud to be the leading European provider of smart and flexible solutions in the field of industrial

multifilament polyamide yarns, speciality polymers, twisted and air-jet textured yarns.

Providing next-generation solutions

Nexis Fibers is developing tomorrow's products, based on a century of know-how in yarn and polymer manufacturing and processing, in order to serve high demanding applications in automotive, aquaculture, safety, building, and leisure sectors

- High Tenacity and Super High Tenacity Polyamide 6.6 yarns from 110 dtex to 2800 dtex
- High Tenacity Polyamide 6 yarns from 470 dtex to 2800 dtex
- Spun-dyed Polyamide 6 and 66 yarns in over 50 standard colors

- Infrared Invisible (IRI), Bio Based (PA6.10), Hydrophobic (Dry) yarns
- Low or ultra high elongation Polyamide yarns
- Twisting and air-jet texturing capabilities
- Chemically re-Cycled and bio based PA6 & PA66 yarns, mass balance approach.
- Specialty Polymers Polyamide 6.10, 6.12 and customized solutions post-condensation of your polymers



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Crafted with Nexis Fibers Bluesign[®], OEKO-TEX[®] approved & ISCC PLUS.

Nexis Fibers high tenacity yarns bearing the "Bluesign[®] and OEKO-TEX[®] approved" label ensures that these products meet the strict safety and environmental requirements, so that the impact on resources, people, and the environment is minimized.

All products can be prepared from Chemically re-Cycled and bio based PA6 & PA66 polymers, mass balance approach. All the products are engineered, and manufactured in ISO – certified plants located in the EU, with confirmed Corporate Social Responsibility performance.

Partnering for success

Nexis Fibers has best-in-class production facilities which offer innovative and customized solutions through strong, long-term partnerships.

