

Lanex
You can be sure



Extrusion Lines Sortiment





ABOUT LANEX a. s.

- Quality Czech manufacturer
- Tradition since 1949
- Wide range
- Own development department
- Certified testing laboratory
- Pro-customer approach
- High added value
- Continuous development and support
- ISO certification
- OEKO-TEX certification



ROPES, YARN, SPLIT FILM FOR:



CLIMBING



YACHTING



PERSONAL
SAFETY



MARINE
ROPES



HOBBY



INDUSTRY

The key role in production of Lanex is played by **extrusion line sortiment.**

Guarantee of wild product portfolio and short delivery terms are:

- 4 EXTRUSION LINES FOR YARN
- 2 EXTRUSION LINES FOR SPLIT FILM
- RE-GRANULATION LINE
- R&D DEPARTMENT AND TESTING LABORATORY

PP MULTIFILAMENT YARN

MULTITEX,
high tenacity yarn.
More than 100 colours in matt or
with glossy finish.



Linear density:
300 - 3 000 den
(330 - 3 300 dTex)

Tenacity:
4,0 - 7,4 g/den
(3,5 - 6,5 cN/dTex)

UV stabilization: 0 - 500 kLy
Intermingling points: 15-25 points/m

PP SPLIT FILM

Fibrillated or non-fibrillated
universal tape to be used in
different industries like building,
marine, etc.



Linear density:
3 000 - 31 600 den
(3 300 - 35 100 dTex)

Tenacity:
4,0 - 4,9 g/den
(3,5 - 5,3 cN/dTex)

UV stabilization: 0 - 300 kLy

PP - PE MONOFILAMENT YARN

POLYSTEEL,
optimal combination of PP and PE
material brings high tenacity yarn
twisted into twine.



Linear density:
6 000 - 54 500 den
(6 600 - 60 000 dTex)

Tenacity:
6,9 - 7,7 g/den
(6,1 - 6,8 cN/dTex)

UV stabilization: 100 kLy

PP TWISTED & THERMOFIXED MULTIFILAMENTS & SPLIT FILMS

MULTITEX, high tenacity yarn. More than 100 colours in matt or with glossy finish.



Linear density:
300 - 3 000 den
(330 - 3 300 dTex)

Tenacity:
4,0 - 7,4 g/den
(3,5 - 6,5 cN/dTex)

UV stabilization: 0 - 500 kLy
Intermingling points: 15-25 points/m

FLAME RETARDED YARN

MULTITEX, high tenacity yarn in more than 100 colours.



Linear density:
300 - 3 000 den
(330 - 3 300 dTex)

Tenacity:
4,0 - 7,4 g/den
(3,5 - 6,5 cN/dTex)

UV stabilization: 0 - 500 kLy
Intermingling points: 15-25 points/m

PP MULTIFILAMENT HOLLOW YARN

MULTITEX, high tenacity hollow yarn - lighter than standard yarn.



Linear density:
420 - 1 500 den
(466 - 1 650 dTex)

Tenacity:
4,0 - 4,9 g/den
(3,5 - 5,3 cN/dTex)

UV stabilization: 0 - 500 kLy
Intermingling points: 15-25 points/m

LINEAR DENSITY [den]	LINEAR DENSITY [dTex]	COLOUR	RELATIVE TENACITY [cN/dTex]	ELONGATION (%)
300 - 420	333 - 466	raw white	approx. 6,40	15,5 - 21,5
420	466	raw white	min. 6,40	15,5 - 21,5
420 - 500	460 - 550	raw white	approx. 6,18	15,5 - 21,5
		colour	approx. 6,30	
500	550	raw white	min. 6,18	15,5 - 21,5
		colour	min. 6,30	
500 - 1 000	550 - 1 100	raw white	approx. 6,18	15,5 - 21,5
		colour	approx. 6,18	
1 000	1 100	raw white	min. 6,60	15,5 - 21,5
		colour	min. 6,40	
1 000 - 2 000	1 100 - 2 200	raw white	approx. 6,50	15,5 - 21,5
		colour	approx. 6,10	
2 000	2 200	raw white	min. 6,50	15,5 - 21,5
		colour	min. 5,90	
2 700 - 3 000	3 000 - 3 300	raw white	approx. 5,90	15,5 - 21,5
		colour	approx. 5,30	
3 000	3 300	raw white	min. 5,90	15,5 - 21,5
		colour	min. 5,30	

Yarn modifications:



ANTISTATIC

Modification minimizes the generation of static electricity. Dust does not adhere to the yarn.



ANTIMICROBIAL

Permanent modification. It inhibits the growth of microorganisms.



LUMINESCENT

Yarn emits light for up to five hours after charging on natural or artificial light.



NON-FLAMMABLE

Yarn with halogen free flame retardant.

Yarn shape variation:



standard



hollow



triangular



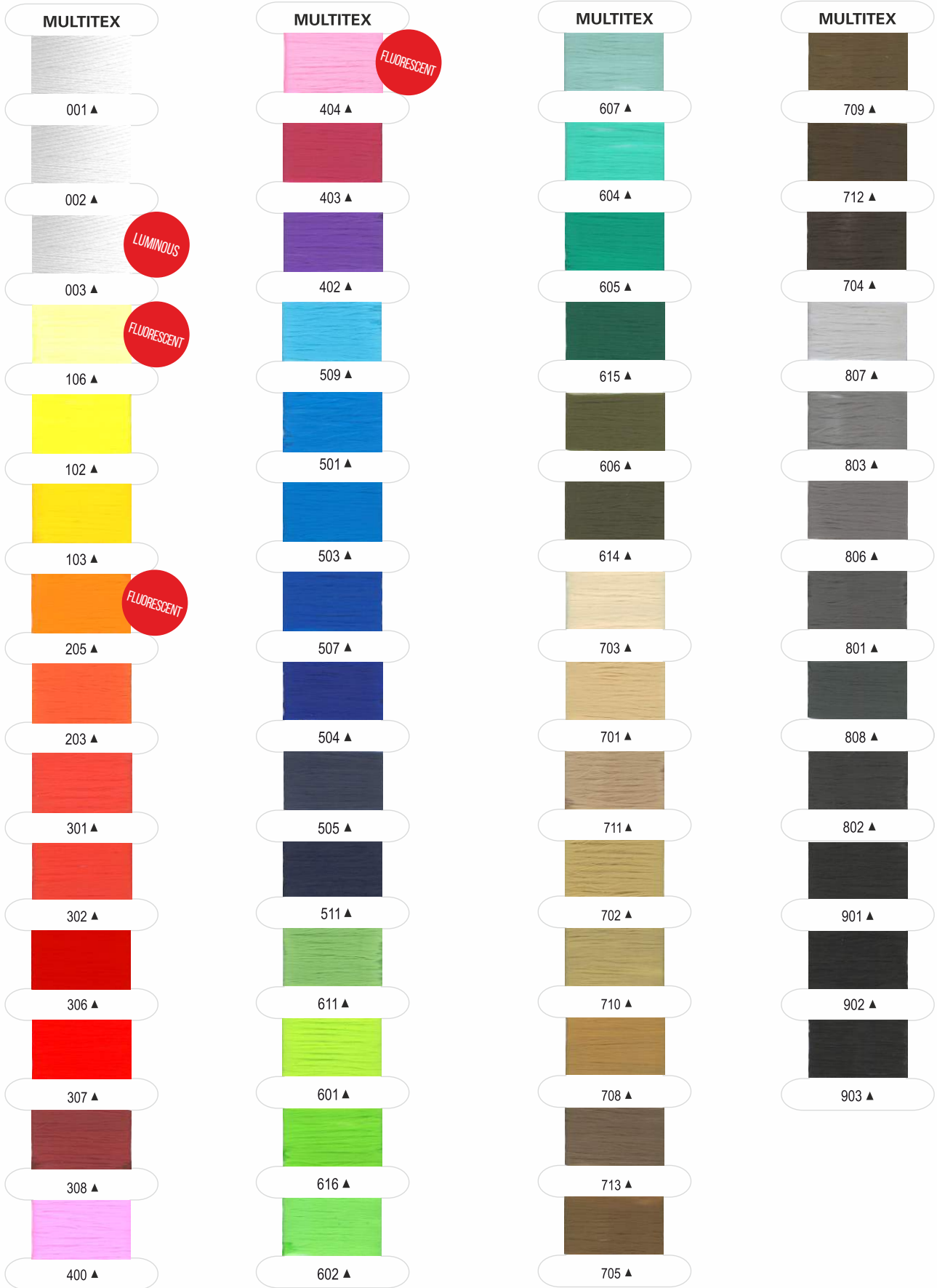
100% Recyclability - PP Multitex is fully recyclable and has no adverse impact on the environment.



The product can be delivered as a twisted yarn with S or Z twists (30 - 200 twist/m) and thermofixation.

Colour card

Count range 300 - 3 000 den (330 - 3 300 dTex)



This colour shade card is a general guide only, physical samples can be sent upon your request.