



TECHNOLINE

LANEX a.s.

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

Lanex is a long-term experienced manufacturer of paper carrier ropes. In cooperation with the world's leading paper mills, we develop unique paper carrier ropes, which we supply worldwide. These products are produced under control of the certification body.

All products we test in our own laboratories. We technically support our customers. Based on our complete paper machine audit, we recommend you the perfect rope to use to pro-long this life time. We train you in splicing technique.

TECHNOLINE

The combination of our aramid fibre together with the traditionally used polyamide fibre has created a rope with exceptional durability in all sections of the paper machine.

Tests and operational data to date show that the lifetime of Technoline ropes is **two to three times longer** than the lifetime of standard carrier ropes, regardless of the sections of the paper machine.



Exceptional properties of the aramid fibre used:

- > excellent abrasion resistance
- > very good fatigue resistance
- > chemical inertness – excellent resistance to organic chemicals
- > temperature resistance, excellent thermal stability
- > high modulus
- > high cut resistance
- > high dimensional stability

Our regular customers have already tried rope Technoline. See what they said:

sappi „ We have **TECHNOLINE DUO 11 mm** for 6 weeks in coating section in full running speed of the machine. It looks good with minimum triple life time compared to the competitor's ropes.”

Smurfit Kappa „ We had **TECHNOLINE DUO 11 mm** in drying section for 2 months.”

CUSTOMER, WHO USED OUR TECHNOLINE ROPE, SAVED MORE THAN **200,000 EUR.**

CASE STUDY:

LOCATION IN PM/KM: coating	days/year	350
	hours/day	23
	speed PM	30-540 m/min
	gsm	280-550

	Lanex	competitor
rope type	Technoline DUO 8.5 mm	Competitive rope 8.5 mm
lifetime in [h]	506	322
lifetime in [day]	22	14
tension [bar]	1.5	3

COSTS FOR MATERIALS

rope [€/m]	1.77	0.68
rope length [m]	130	130
quantity of ropes [spools]	3	3
costs per rope change [€]	690.30	265.20
necessary changes/year [stops]	16	25
used rope/year [m]	6,204.5	9,750
rope costs/year [€]	10,982.05	6,630.00
time for rope change [h]	1.5	1.5
hourly wage [€]	60	60
manpower/year [€]	1,431.82	2,250
time for other work [h]	13.6	
COSTS MATERIAL AND WORK/YE/	11,672.35	6,895.20
production [t/h]*	30	30
sales price [€/t]**	500	500
PRODUCTION LOSS/YEAR [€]	357,954.55	562,500.00
TOTAL COSTS/YEAR [€]	369,626.89	569,395.20

DIFFERENCE LANEX/COMPETITOR - 199,768.31 €

** prices for newsprint - this product - coated board is more expensive

* minimum



CONTACT US

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