

Ropes and Cords

for industry, trade, hobby and leisure



PP – POLYPROPYLENE CORDS AND ROPES



- GOOD STRENGTH
- FLOATABLE
- LOW PRICE

Cords and ropes made of polypropylene tape are the simplest and also the cheapest product. In spite of it, they are characterized by good strength and resistance to chemicals, therefore they are suitable for all applications where no great demands on appearance or abrasion resistance are made. They float on water thanks to their low specific gravity (density).

PP – BRAIDED polypropylene cords and ropes WITHOUT CORE	Order code	Package length (m)	Weight (g/m)	Strength (kg)	Packaging
PP 12 mm braided rope without core	LANO-P00708	100	46	1224	
PP 14 mm braided rope without core	LANO-P00696	100	63	1735	
PP 16 mm braided rope without core	LANO-P00637	100	85	2041	
PP 12 mm self-locking rope, yellow – CAR TOW ROPE (18 kN)	PRZ00101	5	52	1836	
PP 16 mm self-locking rope, blue – CAR TOW ROPE (27,5 kN)	PRZ00102	5	81	2805	

PP – TWISTED polypropylene cords and ropes	Order code	Package length (m)	Weight (g/m)	Strength (kg)	Packaging
PP 4 mm twisted cord	SNURA-S00103	200	7.2	388	
PP 6 mm twisted cord	SNURA-S00100	100	16.3	714	
PP 8 mm twisted rope	LANO-S00253	100	28.9	1184	
PP 10 mm twisted rope	LANO-S00254	100	45.2	1755	
PP 12 mm twisted rope	LANO-S00255	100	65.1	1940	
PP 14 mm twisted rope	LANO-S00264B	100	88.6	3306	
PP 16 mm twisted rope	LANO-S00564B	80	116	4224	
PP 4 mm twisted cord	SNURA-S00068	30	7.2	388	
PP 6 mm twisted cord	SNURA-S00069	20	16.3	714	
PP 6 mm twisted cord	SNURA-S00256	30	16.3	714	
PP 8 mm twisted rope	LANO-S00566B	15	28.9	1184	
PP 8 mm twisted rope	LANO-S00349B	20	28.9	1184	
PP 10 mm twisted rope	LANO-S00716B	20	45.2	1755	
PP 10 mm twisted rope	LANO-S00718B	30	45.2	1755	
PP 12 mm twisted rope	LANO-S00721B	20	65.1	1940	
PP 12 mm twisted rope	LANO-S00722B	25	65.1	1940	

PPV – POLYPROPYLENE CORDS AND ROPES MADE OF HIGH-TENACITY FIBRE

- EXCELLENT STRENGTH
- GOOD KNOTABILITY
- FLOATABLE
- COLOURFULNESS



Cords and ropes made of high-tenacity polypropylene multifilament fibre belong to the most frequently used and most popular products. They find applications in workshops, in the garden, aboard a boat, but also in agriculture or in civil engineering. They have good strength (fully sufficient to normal use), richness in colour, variety of colours and good knotability. If you have no special demands on extreme strength or abrasion resistance, products made of polypropylene fibre always come up to your expectations. They float on water thanks to their low specific gravity (density).

PPV Multitex – TWISTED polypropylene cords and ropes	Order code	Package length (m)	Weight (g/m)	Strength (kg)	Packaging
PPV 8 mm twisted rope	LANO-S00380	200	28.9	1133	
PPV 10 mm twisted rope	LANO-S00516	100	45.2	1724	
PPV 12 mm twisted rope	LANO-S00382	100	65.1	2439	
PPV 16 mm twisted rope	LANO-S00419	100	116	4153	
PPV 10 mm twisted rope	LANO-S00689	10	45.2	1724	

PPV Multitex – BRAIDED polypropylene cords and ropes WITHOUT CORE	Order code	Package length (m)	Weight (g/m)	Strength (kg)	Packaging
PPV 3 mm marking cord, clear	SNURA-P00822	25	4.2	170	
PPV 1,8 mm plumb cord, yellow	SNURA-P00823	50	1.2	71	
PPV 16 mm braided rope without core, coloured	LANO-P00414	100	89	1837	
PPV 18 mm braided rope without core, coloured	LANO-P00404	100	117.3	2806	
PPV 2 mm braided cord without core, white	SNURA-P00256	200	1.7	82	
PPV 2 mm braided cord without core, coloured	SNURA-P00249	200	1.7	82	
PPV 4 mm braided cord without core, white	SNURA-P00235	200	7.2	286	
PPV 4 mm braided cord without core, coloured	SNURA-P00237	200	7.2	286	
PPV 6 mm braided cord without core, white	SNURA-P00246	100	14	439	
PPV 6 mm braided cord without core, coloured	SNURA-P00245	100	14	439	
PPV 6 mm braided cord without core, coloured	SNURA-P00231	200	14	439	
PPV 8 mm braided rope without core	LANO-P00483	100	25	643	
PPV 10 mm braided rope without core	LANO-P00487	100	36	898	
PPV 12 mm braided rope without core	LANO-P00482	100	56	1276	
PPV 14 mm braided rope without core	LANO-P00596	50	78	1429	
PPV 14 mm braided rope without core	LANO-P00525	100	78	1429	
PPV 4 mm braided cord without core, coloured	SNURA-P00212	20	7.2	286	
PPV 6 mm braided cord without core, coloured	SNURA-P00213	20	14	439	
PPV 8 mm braided rope without core, coloured	LANO-P00467	15	25	643	
PPV 4 mm braided cord without core CAMOUFLAGE	SNURA-P00764	200	7.2	286	
PPV 6 mm braided cord without core CAMOUFLAGE	SNURA-P00763	100	14	439	
PPV 4 mm braided cord without core CAMOUFLAGE	SNURA-P00697	20	7.2	286	
PPV 6 mm braided cord without core CAMOUFLAGE	SNURA-P00696	20	14	439	
braided rope without core CAMOUFLAGE	LANO-P00068	20	25	643	

PPV – BRAIDED POLYPROPYLENE CORDS AND ROPES WITH CORE



- **GOOD STRENGTH**
- **FLOATABLE**
- **LOW PRICE**

PPV – BRAIDED polypropylene cords and ropes WITH CORE	Order code	Package length (m)	Weight (g/m)	Strength (kg)	Packaging
PPV 4 mm braided cord with core, 16 strands	SNURA-P00799	200	7.8	286	📦
PPV 5 mm braided cord with core, 16 strands	SNURA-P00747	100	11.5	306	📦
PPV 6 mm braided cord with core, 16 strands	SNURA-P00748	100	16.4	714	📦
PPV 6 mm braided cord with core, 16 strands	SNURA-P00624	200	16.4	714	📦
PPV 8 mm braided cord with core, 16 strands	LANO-P00423	100	27.5	1122	📦
PPV 8 mm braided rope with core, 32 strands	LANO-P00538C	100	34.6	908	📦
PPV 10 mm braided cord with core, 16 strands	LANO-P01050	100	40	1224	📦
PPV 10 mm braided rope with core, 40 strands, yellow + colored	LANO-P00235C	100	46	1530	📦
PPV 12 mm braided rope with core, 16 strands, colored	LANO-P00975	100	52	1632	📦
PPV 12 mm braided rope with core, 40 strands, yellow + colored	LANO-P00236A	100	57	2142	📦

These cords and ropes are made of high-tenacity polypropylene fibre and have all properties as mentioned above. But unlike common braided cords and ropes that are made of eight strands and have no core, these are braided of 16 to 40 strands and have a stiff core. This construction lends an appearance and many qualities of yachting or mountaineering ropes to them. They find application not only in all leisure-time activities, but also in industry. If you need a rope that retains its circular form without any change, these ropes are the ideal choice.

PA – POLYAMIDE CORDS AND ROPES

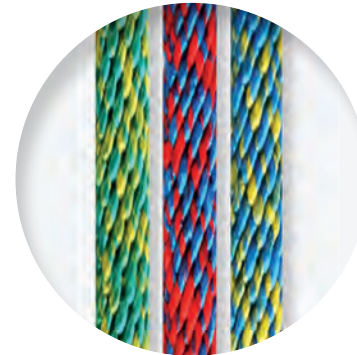


- **HIGH STRENGTH**
- **NON-FLOATABLE**
- **ELASTICITY**

Polyamide cords and ropes excel in high strength, therefore they are suitable as cords and ropes for binding, lifting and towing purposes. They have many applications both in industry and in agriculture. If you need small-diameter cords with excellent strength, polyamide products are the right choice. The cords and ropes are not suitable for applications with direct contact with water.

PA – TWISTED polyamide cords and ropes	Order code	Package length (m)	Weight (g/m)	Strength (kg)	Packaging
PA 6 mm twisted cord, white	SNURA-S00099	100	22.2	809	📦
PA 8 mm twisted rope, white	LANO-S00242	100	39.5	1408	📦
PA 10 mm twisted rope, white	LANO-S00258	100	61.7	2153	📦
PA 12 mm twisted rope, white	LANO-S00259	100	88.8	3071	📦
PA – BRAIDED polyamide cords and ropes					
PA 16 mm braided rope with core, white	LANO-P00006B	100	143	4347	📦
PA 2 mm braided cord without core, white	SNURA-P00451	200	3.5	135	📦
PA 2 mm braided cord with core, white	SNURA-P00247	200	3.3	153	📦
PA 2 mm braided cord with core, black	SNURA-P00315	200	3.3	153	📦
PA 3 mm braided cord without core, white	SNURA-P00208	200	5.2	271	📦
PA 3 mm braided cord with core, white	SNURA-P00447	200	6.5	245	📦
PA 3 mm braided cord with core, black	SNURA-P00631	100	6.4	337	📦
PA 4 mm braided cord without core, white	SNURA-P00455	200	7.2	367	📦
PA 4 mm braided cord with core, white	SNURA-P00209	200	9.2	469	📦
PA 4 mm braided cord with core, black	SNURA-P00309	200	9.2	428	📦
PA 5 mm braided cord with core, white	SNURA-P00210	100	15.5	663	📦
PA 5 mm braided cord with core, black	SNURA-P00267	100	15.5	663	📦
PA 6 mm braided cord with core, white	SNURA-P00211	100	27	959	📦
PA 6 mm braided cord with core, black	SNURA-P00268	100	28.5	1020	📦
PA 7 mm braided cord with core, white	SNURA-P00453	100	31.5	1224	📦
PA 7 mm braided cord with core, black	SNURA-P00269	100	31.5	1224	📦
PA 8 mm braided rope with core, white	LANO-P00461B	100	45	1327	📦
PA 10 mm braided rope with core, white	LANO-P00462B	100	62	1888	📦
PA 12 mm braided rope with core, white	LANO-P00463B	100	89.5	2857	📦
PA 14 mm braided rope with core, white	LANO-P00717	100	122	3672	📦

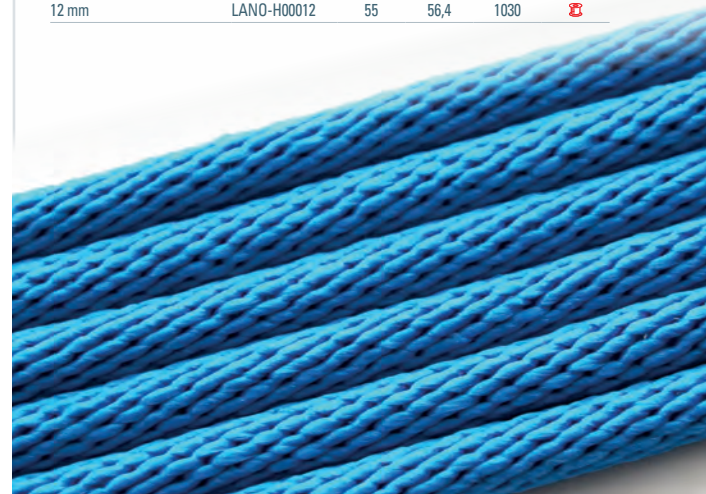
PP FIBRE SPIROID ROPES AND CORDS



- **ATTRACTIVE APPEARANCE, KEEPS STABLE FORM, CIRCULAR CROSS-SECTION**
- **FLOATABLE ON WATER**
- **VERY GOOD STRENGTH AND UV RESISTANCE**
- **HIGH STRENGTH AND ABRASION RESISTANCE**
- **UNIVERSAL BINDING ROPE**

Spiroid 20-strand braiding completes our current range of 8 and 16-strand coreless PP fibre ropes and cords. Spiroid braiding lends an attractive appearance and circular cross-section to the rope.

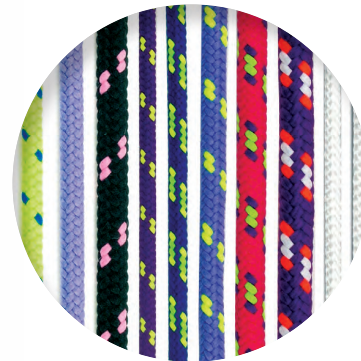
20-strand spiroid braided PP fibre cord	Order code	Package length (m)	Weight (g/m)	Strength (kg)	Packaging
6 mm	SNURA-H00009	100	15	428	📦
8 mm	LANO-H00010	120	23,4	775	📦
10 mm	LANO-H00011	80	42,3	948	📦
12 mm	LANO-H00012	55	56,4	1030	📦



PES – BRAIDED POLYESTER CORDS AND ROPES

- **HIGH STRENGTH**
- **NON-FLOATABLE**
- **ABRASION RESISTANCE**

Polyester cords and ropes are characterized by good strength and high resistance to weather effects. The most important advantage is their excellent abrasion resistance. They are ideal to be used as Venetian blind cords or shoelaces. The cords and ropes are suitable for wet environment and for direct contact with water.



PES – BRAIDED polyester cords and ropes	Order code	Package length (m)	Weight (g/m)	Strength (kg)	Packaging
PES 1,4 mm braided cord with core for Venetian blinds, white	SNURA-P00202	500	1.2	51	
PES 1,9 mm braided cord with core, avalanche cord, coloured	SNURA-P00217	200	1.7	41	
PES 2 mm braided cord without core, coloured	SNURA-P00448	200	2.5	58	
PES 3 mm braided cord without core, coloured	SNURA-P00449	200	5	112	
PES 3 mm braided cord with core, coloured	SNURA-P00203	200	6.5	143	
PES 4 mm braided cord without core, coloured	SNURA-P00457	200	7	148	
PES 4 mm braided cord with core, coloured	SNURA-P00204	200	10	235	
PES 5 mm braided cord with core, coloured	SNURA-P00205	100	15	316	
PES 6 mm braided cord with core, coloured	SNURA-P00206	100	21	531	
PES 7 mm braided cord with core, coloured	SNURA-P00215	100	29.5	714	

CORDS AND ROPES MADE OF NATURAL MATERIALS



- **DECORATIONS**
- **NOT SLIPPING IN HANDS**
- **NON-FLOATABLE**

Cords and ropes made of natural materials do not excel in strength and resistance to external environment but they can be a very outstanding decorative element in interiors as well as exteriors. As they do not slip in hands, they are suitable for sport purposes – rope climbing or tug of war. Some types of ropes made of natural materials contain a polypropylene tape which improves their strength characteristics significantly, and so they can be used in civil engineering and industry.



TWISTED natural ropes	Order code	Package length (m)	Weight (g/m)	Strength (kg)	Packaging
4 mm twisted natural cord	SNURA-S00519	100	12	117	
5 mm twisted natural cord	SNURA-S00520	100	17	148	
5 mm twisted natural cord	SNURA-S00331	20	17	148	
6 mm twisted natural cord	SNURA-S00521	100	25	179	
8 mm twisted natural rope	LANO-S01013	100	39	490	
10 mm twisted natural rope	LANO-S01014	100	48	622	
12 mm twisted natural rope	LANO-S01015	100	77	980	
14 mm twisted natural rope	LANO-S01025	100	117	1734	
16 mm twisted natural rope	LANO-S01026	50	144	2550	
20 mm twisted natural rope	LANO-S01027	45	203	3570	
24 mm twisted natural rope	LANO-S01028	30	278	4488	
30 mm twisted natural rope	LANO-S01029	20	411	5712	
8 mm twisted natural rope	LANO-S01076	20	39	490	
10 mm twisted natural rope	LANO-S01077	20	48	622	
12 mm twisted natural rope	LANO-S01078	20	77	980	
16 mm twisted natural rope	LANO-S01084	20	144	2550	
8 mm twisted natural rope	LANO-S00019	600	39	490	
10 mm twisted natural rope	LANO-S00021	400	48	622	
12 mm twisted natural rope	LANO-S01003	220	77	980	
14 mm twisted natural rope	LANO-S01004	220	117	1734	
16 mm twisted natural rope	LANO-S01005	220	144	2550	
18 mm twisted natural rope	LANO-S00047	220	168	2958	
20 mm twisted natural rope	LANO-S00028	220	203	3570	
22 mm twisted natural rope	LANO-S00030	220	235	4080	
24 mm twisted natural rope	LANO-S00031	180	278	4488	
26 mm twisted natural rope	LANO-S00034	150	335	5100	
30 mm twisted natural rope	LANO-S00035	120	411	5712	
36 mm twisted natural rope	LANO-S01173	80	639	7140	
40 mm twisted natural rope	LANO-S01174	50	687	6354	
36 mm twisted natural rope with eye for rope climbing	LANO-N00472	5	639	7140	
36 mm twisted natural rope with eye for rope climbing	LANO-N00473	6	639	7140	

SISAL – TWISTED sisal cords and ropes

7 mm twisted sisal cord	SNURA-S10128	100	33.5	347	
8 mm twisted sisal rope	LANO-S10111	100	44	459	
10 mm twisted sisal rope	LANO-S10113	100	60	540	

FITNESS ROPES STROPER



- **HIGH WEIGHT PER METER**
- **VERY GOOD ABRASION RESISTANCE**
- **PLEASANT TO THE TOUCH**
- **DURABILITY**
- **BEST CHOICE FOR GYMNASIUMS AND OUTDOOR AREAS**

STROPER ropes are made in lengths of 10 - 20 m and terminated with 10 or 20 cm long grips (heat shrink plastic tubing) on both ends. In the place of gripping, the rope core is sewn to the rope sheath to prevent sheath slippage and separation of the sheath from the core when doing exercises.

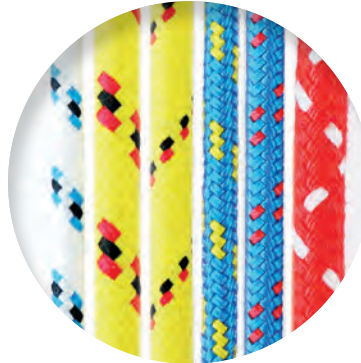
Upon request, a 50 cm long rope protector can be placed in the middle of the rope to increase the durability of the rope in the place of bending (rope midpoint).

Fitness ropes STROPER	Order code	Weight (g/m)	Length (m)
Fitness rope STROPER, diameter 30 mm	LANO-P00513	570	10
Fitness rope STROPER, diameter 30 mm	LANO-P00514	570	15
Fitness rope STROPER, diameter 35 mm	LANO-P00350	780	10
Fitness rope STROPER, diameter 35 mm	LANO-P00516	780	15
Fitness rope STROPER, diameter 40 mm	LANO-P00355	930	10
Fitness rope STROPER, diameter 40 mm	LANO-P00515	930	15



ROPES AND CORDS FOR WATER SPORTS

- **ADVANCED CONSTRUCTION**
- **GENERAL-PURPOSE USE**
- **HIGH STRENGTH**



These products belong to the most advanced products being offered by us for the hobby and industry sector. They consist of 16/24/40 strands with a core. Ropes and lines of Baška type (white with identification threads) and Kružberk type (rich colour shades) are characterized by good strength and low slipping in hands, ropes and lines of Šance type by excellent strength and very good abrasion resistance. Laguna ropes are suitable as mooring and anchoring ropes with good spliceability.

YACHTING - ropes and cords for water sports	Order code	Package length (m)	Weight (g/m)	Strength (kg)	Packaging
PPV 5 mm cord Baška	SNURA-P00274	100	9	163.2	☞
PPV 6 mm cord Baška	SNURA-P00251	100	15	357	☞
PPV 8 mm rope Baška	LANO-P00195	100	26.5	704	☞
PPV 10 mm rope Baška	LANO-P00196	100	35.5	867	☞
PPV 6 mm cord Kružberk	SNURA-P00265	100	17	612	☞
PPV 8 mm rope Kružberk	LANO-P00523	100	27.5	907	☞
PPV 10 mm rope Kružberk	LANO-P00503	100	42	1326	☞
PES 6 mm cord Šance, blue + yellow	SNURA-P00124	100	26.5	449	☞
PES 8 mm rope Šance, white + blue	LANO-P00470	100	53.2	1010	☞
PES 10 mm rope Šance, white + red	LANO-P00447	100	61.5	1305	☞
PES 8 mm rope Laguna, white+ colour marker threads	W080LLA5B100R	100	56,3	2095	☞
PES 10 mm rope Laguna, white+ colour marker threads	W100LLA5B100R	100	68	2242	☞
PES/PPV 6 mm cord Moravka, blue + yellow marker threads	SNURA-P00015	100	25	408	☞
PES/PPV 8 mm rope Moravka, blue + red marker threads	LANO-P00250	100	40	714	☞
PES/PPV 10 mm rope Moravka, blue + green marker threads	LANO-P00251	100	60	1020	☞
PES/PPV 12 mm rope Moravka, blue + yellow marker threads	LANO-P00252	100	78	1377	☞

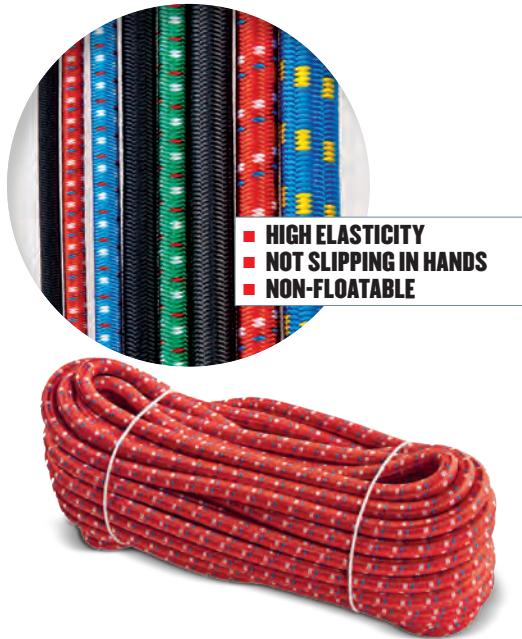
PP/JUTE/FLAX TWINES

PP/JUTE/FLAX TWINES	Order code	Packaging
50 g jute twine 500 x 3tex	XMOTOUZJUTA2	10 pcs
100 g jute twine 500 x 3tex	XMOTOUZJUTA4	10 pcs
200 g jute twine 500 x 3tex	XMOTOUZJUTA6	8 pcs
500 g jute twine 500 x 2tex	XMOTOUZJUTA8	6 pcs
40 g flax twine in food quality 105 x 6tex	XLENMOT105X6-40	20 pcs
50 g PP twine 7.800 dtex	XPPMOT7800-50	36 pcs
100 g PP twine 10.000 dtex	XPPMOT10000-100	10 pcs
250 g PP twine 7.800 dtex	XPPMOT7800-250	8 pcs
5000 g PP twine 20.000 dtex	MOTOUZK0039	1 pc

Twines are broadly used for activities such as binding of straw, parcels or presents. They are made of polypropylene tape as well as natural materials. The twine diameter is expressed in the so-called dtex (linear density). A twine of 10,000 dtex is sufficient for normal everyday use.



RUBBER ROPES



- HIGH ELASTICITY
- NOT SLIPPING IN HANDS
- NON-FLOATABLE

The basic characteristic of rubber ropes is their high elasticity reaching up to 130%. The ropes are able to reach this parameter thanks to the core which is formed by rubber fibres made by leading world manufacturers. The cover is made of high-tenacity polypropylene or polyester fibres. Rubber ropes can be used as fastening ropes for advertising billboards, tarpaulins, cover sheets for garden equipment and furniture, and as load restraint elements.

GumiFix – rubber rope with sheath (minimum elongation 90 %)	Order code	Package length (m)	Weight (g/m)	Packaging
GumiFix – 4 mm rubber rope, coloured	G0401D100R	100	10.9	
GumiFix – 4 mm rubber rope, black	G0401A100R	100	10.9	
GumiFix – 5 mm rubber rope, coloured	G0501E100R	100	19.9	
GumiFix – 6 mm rubber rope, black	G0601A100R	100	22.1	
GumiFix – 6 mm rubber rope, coloured	G0601G100R	100	22.1	
GumiFix – 8 mm rubber rope, black	G0802A100R	100	45	
GumiFix – 8 mm rubber rope, coloured	G0802D100R	100	45	
GumiFix – 10 mm rubber rope	G1001X005C	5	63,2	
GumiFix – 10 mm rubber rope, black	G1002A100R	100	63.2	
GumiFix – 10 mm rubber rope, coloured	G1002B100R	100	63.2	
GumiFix – 12 mm rubber rope, coloured	G1202H050R	50	102	
GumiFix – 12 mm rubber rope	G1201X005C	5	102	
GumiFix – 4 mm rubber rope	G0401X010C	10	10.9	
GumiFix – 4 mm rubber rope	G0401X020C	20	10.9	
GumiFix – 6 mm rubber rope	G0601X010C	10	22.1	
GumiFix – 6 mm rubber rope	G0601X020C	20	22.1	
GumiFix – 8 mm rubber rope	G0802X010C	10	50	
GumiFix – 8 mm rubber rope	G0802X005C	5	50	

WEBBINGS



- ADVANCED CONSTRUCTION
- GENERAL-PURPOSE USE
- HIGH STRENGTH

Webbings are made of high-tenacity polypropylene fibre and are available in thicknesses 1-2 mm and 2-3 mm. Webbings have a wide range of utilization in industrial applications as well as in leisure-time activities.

WEBBINGS – woven, commercial	Order code	Package length (m)	Packaging
PPV webbing 20x1-2 mm, black	1532012-9000	50	
PPV webbing 25x1-2 mm, black	1532512-9000	50	
PPV webbing 25x1-2 mm red	1532512-4000	50	
PPV webbing 25x1-2 mm, iridescent	XPOPRPPV25x1-00	50	
PPV webbing 38x1-2 mm, red	XPOPRPPV38x1-09	50	
PPV webbing 50x1-2 mm, sledge	XPOPRPPV50x1-00	50	
PPV webbing 25x2-3 mm, red	XPOPRPPV25x2-09	50	
PPV webbing 25x2-3 mm, colored	XPOPRPPV25x2	50	
PPV webbing 30x2-3 mm, colored	XPOPRPPV30x2-00	50	
PPV webbing 40x2-3 mm, colored	XPOPRPPV40x2-00	50	
PPV webbing 50x2-3 mm, colored	XPOPRPPV50x2-00	50	

STARTER CORDS AND SKI-TOW ROPES

These cords and ropes are primarily designed for engine starting mechanisms and drum-type ski tows. As they are made of polyamide and polyester fibres, they excel in high strength and abrasion resistance. Therefore they find their application in challenging leisure-time activities and in industry.

TORNADO/ZENITH starter cords and ski-tow ropes	Order code	Package length (m)	Weight (g/m)	Strength (kg)	Packaging
PA 2 mm starter cord TORNADO white/blue	SNURA-P00548	100	3.7	132	
PA 3 mm starter cord TORNADO white/blue	SNURA-P00564	100	6.8	255	
PA 4 mm starter cord TORNADO white/blue	SNURA-P00572	100	9	449	
PA 5 mm starter cord TORNADO white/blue	SNURA-P00578	100	16	592	
PES/PA 5 mm ski-tow rope ZENITH PLUS, red with marker thread	SNURA-P00801	100	20.2	694	
PES 6 mm ski-tow rope ZENITH PLUS, red with marker thread	SNURA-P00802	100	22	816	



PROTECTION IN THE WORKPLACE

For work in a single place of work with protection by means of a rope with brake, a fall absorber or a retractable system.
For simultaneous positioning by means of a positioning device.



All sortiment of personal protective equipment on the www.lanex.cz

MATERIALS, DESIGN

Material	PP - film	PP Multitex	PA	PES	Sisal	Jute
Applicable norm	EN ISO 1346	EN ISO 1346	EN ISO 1140	EN ISO 1141	EN ISO 1181	-
Strength of material*	2 950 kg	3 210 kg	4 100 kg	3 150 kg	1 360 kg	950 kg
Elongation at 75% of strength	8 to 12 %	18 to 20 %	20 to 25 %	14 to 18 %	6 to 12 %	2 to 4 %
Measured density	0.91 kg/dm ³	0.91 kg/dm ³	1.14 kg/dm ³	1.38 kg/dm ³	1.38 kg/dm ³	1.38 kg/dm ³
Floats in water	yes	yes	no	no	no	no
Melting point	165 °C	165 °C	225 °C	260 °C		
Temperature of softening	140 °C	140 °C	170 °C	225 °C		
Max. temperature for rope surface	100 °C	100 °C	120 °C	180 °C		
Max. working temperature	80 °C	80 °C	100 °C	120 °C	80 °C	80 °C
Resistance to UV radiation	++	++	++++	++++	+++	++
Resistance to environmental effects	+++	+++	++++	++++	+	++
Abrasion resistance	++	+++	++++	++++	++	++
Handling	+++	++++	++++	++++	++	++++

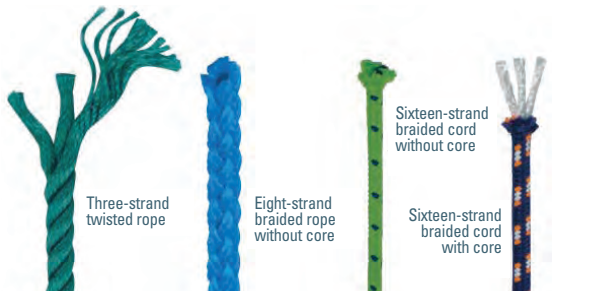
Rating: +++++ excellent, ++++ very good, +++ good, ++ fair, + poor

* Strength of a 3 strand twisted rope, diameter 14 mm

Strength is the minimum value of weight at the point of rupture. Maximum strength is in accordance with accepted European norms. A certificate can be issued by the manufacturer on request. Working load is the absolute maximum strain that can be put on a rope. This is based on a given safety coefficient. For simplicity, strength and load are listed in the catalog in kg. Caution – knots – reduce rope strength around 50%.

CONSTRUCTION

Twisted ropes – are formed by three or four twisted strands. They are designed mainly for technical and industrial applications. Braided ropes – are formed by 8 to 40 interbraided strands. Generally, the bigger the number of strands, the better the utility and aesthetic properties of the ropes and cords. In addition, use of the core increases the strength of the product.



PACKAGING



EQUIPMENT FOR SHOPS



EQUIPMENT FOR SHOPS	Order code
heat cutter for cords and ropes	XPAJKA-HSG0
heat cutter blade	XCEPEL-R



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