

## DYNAMIC ROPES

### MILITARY

Prime, single, half and twin ropes with balanced technical parameters and high performance. They serve mainly for military operations, when a soldier may fall down from a great height or to a depth. TENDON military ropes capture impact force and are typical for superb resistance against abrasion, water and dust. Available in camouflage designs for all terrains (desert sand, khaki, black).



## DYNAMIC ROPES

### DIAMETER:

**Single ropes:** 9.2 mm, 9.7 mm, 9.8 mm, 10.2 mm, 10.5 mm, 11.0 mm, 11.4 mm

**Twin ropes:** 7.8 mm, 7.9 mm, 8.5 mm, 9.1 mm

**Half ropes:** 7.9 mm, 8.5 mm, 9.1 mm

**Indoor ropes:** 10.0 mm, 10.5 mm

**COILS:** standard 30 m, 40 m, 50 m, 60 m, 70 m, 80 m, 100 m, 200 m

**SPOOLS:** standard 100 m, 200 m

The ropes TENDON are as the only ones in the world impregnated with the material TEFLON® fabric protector by DuPont™, which provides the ropes with exceptional abrasion, water and dust protection. TEFLON® is applied on the sheet and the core of the rope by a unique NANOTECHNOLOGY method.

Ropes can be equipped with the electronic marking system TeROM upon request, which allows for writing and reading data from a special microchip embedded in the rope ends.

## ACCESSORY CORDS

### DIAMETER:

2 mm - 9 mm

**SPOOLS:** 100 m, 200 m

Wide range of strong accessory cords for various activities - prusik knots, securing or fastening of objects. Available in camouflage designs for all terrains. Braided construction with internal core. Made of polyamide and a special mixture of PES and high modulus fibres.





## STATIC ROPES

### MILITARY

Strong ropes with low elongation and high static strength designed for soldiers and special units, descents, penetrations and securing operations. Tests carried out after long-run loading in terrain show the best results of abrasion resistance whilst maintaining prime handling.



### STATIC ROPES

**DIAMETER:** 9 mm, 10 mm, 10.5 mm, 11 mm, 12 mm, 13 mm

**COILS:** standard 30 m, 40 m, 50 m, 60 m, 70 m, 80 m, 100 m, 200 m

**SPOOLS:** standard 100 m, 200 m

Military static ropes are available in various colour designs depending on the place of service (camouflage, desert sand, khaki, black). The ropes can be equipped with the TeROM (Tendon Electronic Rope Marking) system.

### RESCUE REFLECTIVE ROPE

**DIAMETER:** 11 mm

**COILS:** standard 30 m, 40 m, 50 m, 60 m, 70 m, 80 m, 100 m, 200 m

**SPOOLS:** standard 100 m, 200 m

A specially designed rope with embroiled reflection 3M control, which reflects a cone of direct light, making it easy to identify the rope in the dark and under poor visibility. These ropes will come in useful mainly in rescue, for firemen and for special army operations. The ropes are manufactured in accordance with the norm EN 1981 and can be equipped with the TeROM (Tendon Electronic Rope Marking) system.



## PERSONAL MILITARY GEAR

### TENDON-KONG EQUIPMENT

High-class safety military equipment for tactical, training, combat and rescue operations. Wide range of 3500 special products, different specification and colours for special purposes could be offered on request. Connectors and many other tools manufactured by TENDON-KONG are classified as Personal Protective Equipment (PPE), with the burden of severe project requirements, controls in each production phase and certifications entrusted to outer labs. All products are available in black colour or according to your request.



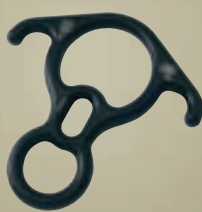
OVAL  
730

FERRATA  
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HMS  
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ULTRATOP  
782

X-LARGE  
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CHUY  
940

OTTO  
805.03

OTTO BIG  
805.06

INDY  
801

CASCO  
997.01



MINI TWIN  
827.01

EXTRA ROLL  
820.01

CAM CLEAN  
824

LIFT  
896

STRETCHER





## FAST ROPE

MILITARY

The top-quality and professional rope with maximum service life for rescue and security teams, from the MILITARY series, enables quick and safe landing of persons and their quick evacuation without the necessity of helicopter landing. FAST ROPE is being successfully used by special forces in the Czech Republic, Poland and India.



### TECHNICAL PARAMETERS OF THE ROPE:

Rope diameter, pre-tensioned according to EN 919 (245 kg)	44 mm
Rope diameter, loose (zero tension)	50 mm
Rope weight, pre-tensioned according to EN 919 (245 kg)	77 kg/100 m
Rope weight, loose (zero tension)	96 kg/100 m
Minimum rope strength with spliced eye	12 000 kg
Minimum rope strength with steel termination	3 000 kg
Minimum strength of suspension sling	2 250 kg
Rope elongation, pre-tensioned according to EN 919 (245 kg)	25%

### DESCEND GLOVES

Abseil kevlar gloves without finger ends

Abseil leather gloves, 170 g



## MARINE ROPES

### MILITARY

Military 8-strand plaited ropes specially developed for navy and submarines. Designed for anchoring, mooring and towing. Superb strength to weight ratio. Easy manipulation in both dry and wet conditions. Exceptional abrasion resistance. Impregnation possible.



## MARINE ROPES

**DIAMETER:** 16 mm – 104 mm

**LENGTH:** most often 220 m, spliced eyes

**MATERIAL:** polypropylene, polyester, polysteel, polyamide and excellent composite materials based on high tenacity and performance fibres

Certificate Germanischer Lloyd, suitable also for tankers (OCIMF regulations).

## CLASSICAL TWISTED AND BRAIDED ROPES

**DIAMETER:** 2 mm - 36 mm twisted, 2 mm - 18 mm braided **COLOUR:** white, black, khaki, camouflage and other **MATERIAL:** PP, PPMFF, PES, PA, composite materials, Polysteel, Kevlar, Vectran, Twaron **LENGTH:** most often 220 m, up to 2000 m

3-strand and 4-strand twisted ropes with diameter from 2 to 36 mm. 8-, 16-, 24-, 32-, 40- and 48-strand braided ropes with inner core, widely applicable, mainly in marine transportation, lifting and fastening of objects.





## PERSONAL MILITARY GEAR

### COMBAT HARNESSES

Sewn safety harnesses, ensuring maximum safety while maintaining a high level of user comfort. The harnesses allow easy movement, are lightweight and designed with regard to human body ergonomics. Due to their design, the harnesses can be used for all operations at heights and above depths. Depending on their specific design modifications, they are suitable for use by rescue operations and fire brigades, as well as by police forces and rapid reaction squads in national armies.



ATTACK B1



PROFI



HYPER

#### ATTACK B1

Up-to-date harness Attack B1 especially designed for special forces (Germany, NATO) and combat brigades ensuring the top of safety and comfort ability.

#### PROFI

Capture combat harness PROFİ - rear and front anchoring element, element for rescuing persons, evacuating or rappelling, position belt with side eyes, adjustable shoulder, thigh and back harness.

#### HYPER

Full - body combat harness HYPER is suited for the tactical drills of combat units. Universal size, weight 750g, EN 12277 type A, CE 1019.



## SUPER STRONG ROPES

### MILITARY

Energy recovery ropes were specially developed for the provision of fast and effective help during the retrieval of military armoured vehicles. These ropes are quickly applicable without the need of special rescue vehicles and are particularly suited for retrieval of armoured vehicles in tactical military operations. Spliced eyes on both ends.



### TOWING AND RECOVERY ROPES

**CONSTRUCTION:** 8-strand plaited rope from Polyamide  
**COLOUR:** white, black, khaki and other

Spliced eyes on both ends.

### TIGHTENING AND ANCHORING ROPES

**UNCOVERED DYNEEMA:** pre-stretched 8-strand braided Dyneema  
**DIAMETER:** 2 mm – 8 mm  
**COLOUR:** natural

**UNCOVERED ARAMID – TECHNORA:** 8- or 16-strand braided ropes and cords  
**DIAMETER:** 2 mm – 16 mm  
**COLOUR:** natural

**UNCOVERED ARAMID – TECHNORA:** 8- or 16-strand braided Technora with polyester braided core, possible to combine multifilament and monofilament fibre  
**DIAMETER:** 2 mm – 16 mm  
**COLOUR:** natural

Super-strong ropes 7x lighter than steel ropes with superb solidity. Excellent manipulability and minimum dilatability, superb storability, easy length adjustment, easy for tying knots. These ropes are designed for anchoring antennal, transmitting and localization systems in any terrain. Owing to superb solidity, antennal systems can be anchored in up to 160 km/h wind speed.





	<b>FLEXIBLE BULK BAGS</b>	Technically advanced products with a load-bearing capacity of up to 2000 kg for meeting the transportation, handling and storage requirements of various bulk materials in difficult-to-access areas such as rocky areas, deserts, forests. They can be used for construction materials (grit, sand), foodstuffs, dangerous materials and other special utilizations (barriers, bullet-proof ramparts). There are also special electrostatic bags
	MILITARY	

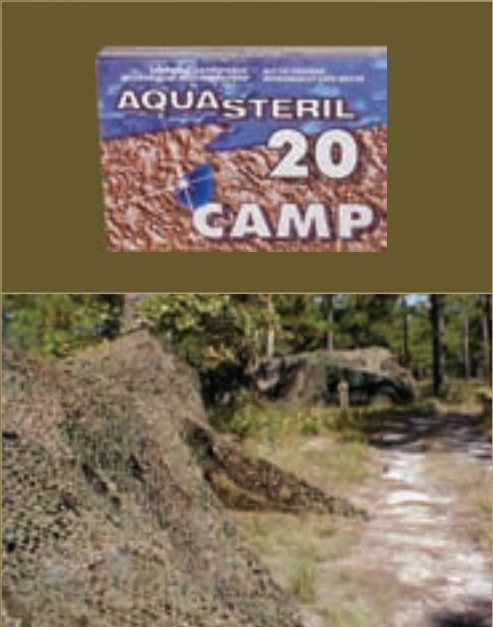


	<b>FLEXIBLE BULK BAGS</b>	on offer, which minimize the risk of an incendiary explosion, conic bags designed for handling of loose materials, highly resistant bags with a firm intercalated wall and also UN bags designed for transportation of dangerous materials.
	<b>Q-TAINER</b> CAPACITY: most often from 10 thousand to 23 thousand litres COLOUR: camouflage, desert sand, khaki, white	A unique and effective packing and liquid preserving solution to support safety during transportation and handling. Extremely high static and dynamic stress resistance. Optimum manner of foodstuff and water transportation.  100% recyclable.





<b>ENGINEER FIELD MAINTENANCE</b>	<p>Top quality residential containers designed for application in demanding rescue and exercise missions. The option of a fixed land or mobile installation on the deck of a container vehicle. Simple transportation by plane, ship, freight vehicle or crane. Optional interior fittings, entry placement and colour schemes (desert sand, camouflage, black). The containers meet the ISO 1161 standard.</p>
<b>MILITARY</b>	



<b>HABITABLE CONTAINERS</b>  STANDARD TYPES: Economy, Standard, Comfort. DIMENSIONS (LENGTH X WIDTH X HEIGHT): 6,058 x 2,438 x 2,591mm.	<p>Variants: Storage container, Cooling bicameral container, Sanitary container, Energetic container, Septic container, Drinking water basin container, Kitchen</p>
<b>AGENTS FOR DRINKING WATER DESINFECTION - AQUASTERIL</b>	<p>Two-pack sets for preparation of microbially safe water not containing microbes, disease-producing bacteria, viruses and parasites. Specifically for emergency field conditions of various climatic zones, where there is no proved source of a high-quality drinking water available. The preparation of safe water takes only 60 minutes. Treated water can be stored for up to 6 months. Obtained water can be used for drinking and the preparation of drinks, cooking, personal hygiene, the washing of wounds</p>
<b>COVER SHEETS</b>	<p>The sheets have been designed to cover armoured military technology, tanks, military planes and helicopters, rockets, electronics, munitions during transport and storage and foodstuffs. The temporary cover sheets are manufactured from special polypropylene non-woven, waterproof, extremely light and permeable textiles which protect electronics against the fine crystals of salt and sand. Available in camouflage designs for all terrains (desert sand, khaki, black).</p>



# COMPANY PROFILE

## THE ARMY SECTOR

LANEX a.s. Bolatice is one of the biggest producers of ropes and cords in Central Europe.

The company employs about 800 people. In addition to the production of ropes, it also produces more than 1.5 million bulk bags and it achieves annual returns of 30 million EUR.

The company's excellent manufacturing technologies enable the production and sale of more than 4000 tons of plaited, twisted and braided ropes per year. LANEX has its own research and development department and testing laboratories. The company has been certified according to ISO 9001:2000 and in accordance with the standards required for supplying the armies of NATO (AQAP 2110).

The company's long traditions dating back to 1949 have enabled it to compete well in the international market and the company exports 80% of its production to 50 countries worldwide. Thanks to our own know-how and long-term cooperation maintained with universities, research institutes and certified laboratories and also our permanent investments in the development and modernisation of our manufacturing plant, we have become a supplier to the most demanding clients – the armies of many European countries. The production of special ropes and other assortment for armies is realized by Strategic Business Unit II (SBU II) - Ropes and cords.

The excellent technical parameters of our products and our commercial successes in many countries have enabled us to launch a new brand for our dynamic and static ropes which will be an expres-

sion of some of our excellent research and development, production and commercial abilities. This new brand is called TENDON. The brand includes products of the best international standards produced by LANEX.

To reach a higher comprehensiveness of supplies for both civil protection, rescue and firemen teams as well as for special operations including individual and small unit rescue operations, we have initiated cooperation with other companies, which are all recognised as the top in their branch. From this we shall obtain the necessary export permissions, we also will be able to offer an assortment beyond our production programme as from the beginning of 2007, which consists of all types of ropes and personal gears. In the near future, we will be able to offer all that is necessary to equip civil protection units, special army units, police, rescue brigades and SWAT teams.

For our basic product offer, which we are able to further adapt to your specific requirements and wishes, please go through this catalogue or visit our web sites. We are happy to elaborate a qualified offer of top products for you.

VÍT PROCHÁZKA

SBU II Managing Director

JIŘÍ GAZDA

Product Manager – Ropes Army

