



KERNMANTLE STATIC ROPE

PETZL, made in France



10.5 MM

- Thin diameter ensures very good performance in terms of flexibility and weight.
- Low stretch when loaded, increasing efficiency at the start of a rope ascent.
- EverFlex construction with nylon core and polyester sheath, with specific weave.
- This construction ensures great flexibility over time, under any conditions, which allows it to maintain excellent handling and optimal functioning with devices
- Certification (s): CE EN 1891 type A, EAC, NFPA 1983 Technical Use

11.0 MM

- Standard diameter ensures a good grip for easier handling
- The AXIS 11 mm low stretch kernmantle rope is designed for work at height.
- EverFlex construction with nylon core and polyester sheath, with specific weave
- This construction ensures great flexibility over time, under any conditions, which allows it to maintain excellent handling and optimal functioning with devices
- Certification (s): CE EN 1891 type A, EAC, NFPA 1983 Technical Use

12.5 MM

- Large diameter, ensuring great strength and excellent handling for heavy loads
- Low stretch kernmantle, high-strength rope with excellent handling, designed for rescue
- EverFlex construction with nylon core and polyester sheath, with specific weave
- This construction ensures great flexibility over time, under any conditions, w/c allows it to maintain excellent handling and optimal functioning with devices
- Certification (s): CE EN 1891 type A, EAC, NFPA 1983 General Use

Diameter	10.5mm
Model	Parallel
Material (s)	Polyester, nylon
Weight per meter	75 g
Strength tied with figure-eight knot	15 kN
Strength with sewn termination	22 kN
Impact force (factor 0.3)	5,2 kN
Number of factor 1 falls	10
Construction	32 carrier
Percentage of sheath	45%
Static elongation	3.4%

Diameter	11.0 mm
Model	Axis
Material (s)	Polyester, nylon
Weight per meter	82 g
Strength tied with figure-eight knot	19 kN
Strength with sewn termination	22 kN
Impact force (factor 0.3)	5,2 kN
Number of factor 1 falls	12
Construction	32 carrier
Percentage of sheath	41%
Static elongation	3 %

Diameter	12.5 mm
Model	Vector
Material (s)	Polyester, nylon
Weight per meter	111 g
Strength tied with figure-eight knot	23 kN
Strength with sewn termination	34 kN
Impact force (factor 0.3)	5,7 kN
Number of factor 1 falls	15
Construction	32 carrier
Percentage of sheath	46%
Static elongation	2.8 %



COUSIN, made in France



10.5 MM

- Semi-static Rope
- Advantages: Cost-efficient, thin and light whilst particularly efficient and reliable.
- Certification(s): UIAA, CE EN 1891 Type A

Diameter	10.5 mm
Weight	65 g/m
Core percentage	62 %
Sheath percentage	38 %
Number of falls	18
Impact force	550 daN
Number of strands	32
Static elongation	2,6 %
Knotability	0,8
Breaking strength	3 290 daN
Breaking strength (w/ figure-8 knot)	> 1 500 daN
Shrinkage in water	2,2 %
Component	100% polyamide high tenacity

11.0 MM

- Semi-static Rope
- Advantages: High breaking strength, supple and easy handling. Excellent grip.
- Certification(s): UIAA, CE EN 1891 Type A

Diameter	11.0 mm
Weight	74 g/m
Core percentage	61 %
Sheath percentage	39 %
Number of falls	40
Impact force	580 daN
Number of strands	32
Static elongation	1.8 %
Knotability	1.1
Breaking strength	3 290 daN
Shrinkage in water	2,5 %
Component	100% polyamide high tenacity

12.5 MM

- The Safety Pro 12,5 mm is a semi-static rope. Recommended for harsh work and heavy duty.
- Advantages: Excellent grip and highest mechanical features.
- Certification(s): UIAA, CE EN 1891 Type A

Diameter	12.5 mm
Weight	96.5 g/m
Core percentage	61 %
Sheath percentage	39 %
Number of falls	> 20
Impact force	560 daN
Number of strands	40
Static elongation	2.8 %
Knotability	1.1
Breaking strength	4 150 daN
Breaking strength (w/ figure-8 knot)	> 1 500 daN
Shrinkage in water	3,5 %
Component	100% polyamide high tenacity



TENDON, made in Czech Republic



10.0 MM

□ This excellent rope with low elongation and high static strength is intended primarily for work at height and for securing people above vertical drops. The thicker the diameter, the stronger the rope.

Diameter	10.0 mm
Number of falls (min.)	20
Elongation (50-150 kg) (%)	3.4
Used material	PA
min. tenacity (kN)	31
CE 1019	Yes
Shrinkage (%)	2
Min. tenacity with knots (kN)	17
Rope type	A
EN 1891	Yes
Weight (g/m)	69
Relative mass of sheat (%)	39
Sheat slippage (mm)	4
UIAA	Yes

11.0 MM

□ This excellent rope with low elongation and high static strength is intended primarily for work at height and for securing people above vertical drops. The thicker the diameter, the stronger the rope.

Diameter	11.0 mm
Number of falls (min.)	20
Elongation (50-150 kg) (%)	3.3
Used material	PA
CE 1019	Yes
Shrinkage (%)	1.9
Min. tenacity with knots (kN)	20
Rope type	A
EN 1891	Yes
Weight (g/m)	80
Tenacity (kN)	33
Relative mass of sheat (%)	40
Sheat slippage (mm)	5
UIAA	Yes

12.0 MM

□ This excellent rope with low elongation and high static strength is intended primarily for work at height and for securing people above vertical drops. The thicker the diameter, the stronger the rope.

Diameter	12.0 mm
Number of falls (min.)	20
Elongation (50-150 kg) (%)	3.2
Used material	PA
CE 1019	Yes
Shrinkage (%)	1.8
Min. tenacity with knots (kN)	25
Rope type	A
EN 1891	Yes
Weight (g/m)	92
Tenacity (kN)	42
Relative mass of sheat (%)	35
Sheat slippage (mm)	4
UIAA	Yes