

## DYNAMIC ROPES

CE EN 892  pack - 30, 40, 50, 60, 70, 80, 100 m ■ coil - 200 m

	code	colour	length*	diameter	weight	static elong.	dynamic elong.	falls	impact force	type
			m	mm	g/m	%	%		kN	
Icon dry	L0384RX	red	30 - 80, 100, 200	9.3	57	9.0	33.9	5	8.4	single
Icon	L0380YX	yellow	30 - 80, 100, 200	9.3	57	9.0	33.9	5	8.4	single
Hero dry	L0524GW	blue	30 - 80, 100, 200	9.6	60	6.3	36.5	8	7	single
Hero	L0520GW	white	30 - 80, 100, 200	9.6	60	6.3	36.5	8	7	single
Storm dry	L3044AG	blue	30 - 80, 100, 200	9.8	65	7.8	35	9	9.1	single
Storm	L3040GA	green	30 - 80, 100, 200	9.8	65	7.8	35	9	9.1	single
Gym	L3050RY	red	30 - 80, 100, 200	10.1	68	7.4	37	6	7.9	
Mystic dry	L0534AG	rainbow	30 - 80, 100, 200	10.1	68	5.7	32	9	7.9	single
Mystic	L0530RA	rainbow	30 - 80, 100, 200	10.1	68	5.7	32	9	7.9	single
Score	L0360GG	green	30 - 60, 80, 100, 200	10.1	66	7	31.9	8	9.1	single
Duran	L0340AX	blue	30 - 60, 80, 100, 200	10.4	70	6	31.3	10	8.7	single
Patron	L0540YX	yellow	30 - 80, 100, 200	11.0	78	6	33.8	16	8.2	single
Accord	L0510	blue	30 - 70, 100, 200	8.3	43	9 / 6.4	32 / 34	5 / 15	5.9 / 9.7	half / twin
	L0510	green	30 - 70, 100, 200	8.3	43	9 / 6.4	32 / 34	5 / 15	5.9 / 9.7	half / twin
Accord dry	L05140	orange	30 - 70, 100, 200	8.3	43	9 / 6.4	32 / 34	5 / 15	5.9 / 9.7	half / twin
	L051460	green	30 - 70, 100, 200	8.3	43	9 / 6.4	32 / 34	5 / 15	5.9 / 9.7	half / twin
Gemini	L3020	red	30 - 70, 100, 200	7.9	39	8 / 7.3	33 / 29	5 / 16	5.7 / 8.3	half / twin
	L3020	yellow	30 - 70, 100, 200	7.9	39	8 / 7.3	33 / 29	5 / 16	5.7 / 8.3	half / twin

## STATIC ROPES

CE EN 1891  pack - 30, 40, 50, 60, 70, 80, 100 m ■ coil - 100, 200 m

	code	strength	knot breaking force	static elongation	number of falls	weight	type
		kN	kN	%		g/m	
Static R44 10,5	L0430	35.8	22.3	3.4	>15	72	A
Static R44 11	L0450	34.7	20.3	3.2	>20	77	A
Static 9	L0220	25.5	14.5	3.5	>8	52.9	B
Static 10,5	L0230	30.6	19.3	3.3	>10	69	A
Static 11	L0250	37.8	24	3.3	>20	80	A
Stitched eye	W25	30	18	3.2	>20	79	A

### Some notes:

Type A rope - low stretch kernmantel rope designed for general use by persons in rope access including all kinds of work positioning and restraint; in rescue and in caving Type B rope - low stretch kernmantel rope of a lower performance than type A ropes, requiring greater care in use (standard does not content other specification)

### Static strength defined in the standard:

22 kN for the ropes of type A  
18 kN for the ropes of type B  
Another standard requirement says, the material used for rope production shall have the melting point higher than 195°C, so polyethylene or polypropylene are not suitable for the production of the ropes.

### Rope elongation

The rope elongation shall not be higher than 5%, tested by loading the rope for 3 min with 150kg load (pretension 50 kg)

### Dynamic performance

Fall test with two meters long rope terminated with figure-eight knots; fall factor 1. The testing mass 100 kg for type A ropes, 80 kg for type B ropes.

## SPELEO ROPES

CE EN 1891  pack - 30, 40, 50, 60, 70, 80, 100 m ■ coil - 100, 200 m

	strength	knot breaking force	static elongation	number of falls	weight
	kN	kN	%		g/m
speleo R44 10.5	35.6	22.1	3.4	>15	72
speleo 10.5	29.2	18	3.3	>10	69

## ACCESSORY CORDS

CE 1019 ■ EN 564 

	diameter	weight	strength	length
coil	mm	g/m	kN	m
L0021	2	2.8	1.2	100
L0031	3	6.5	1.9	100
L0041	4	12.6	3.2	100
L0051	5	18.7	5	100
L0061	6	23.2	9	100
L0071	7	35.1	11.5	100
L0081	8	39.8	16	100