SELDIS polysteen

PRODUCT INFORMATION

TEXTILE ROPE

powerflote C

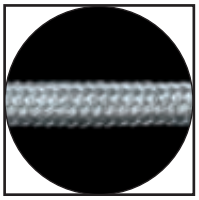
Rudolf Seldis GmbH & Co. KG . Martin-Luther-Straße 20 . 20459 Hamburg . Germany
Tel: +49 (0)40 37 49 49 0 . Fax: +49 (0)40 365 178 . seldis@seldis.de . www.seldis.de

powerflote cx 12 plus

12-strand braided

Nominal Rope-Size	Nominal Rope Circ.	Rope Weight	Minimum Breaking Force	
(~mm Ø)	~" inch	~ kg/m	kN	kgf
40	5	0,78	319	32500
44	5½	0,98	385	39300
48	6	1,15	452	46100
52	6½	1,37	533	54300
56	7	1,58	614	62600
60	7½	1,79	696	71000
64	8	2,04	795	81100
68	8½	2,32	896	91400
72	9	2,57	998	102000
80	10	3,21	1220	124000
88	11	3,85	1470	150000
96	12	4,35	1740	177000

Material: High Tenacity Polyester/Polyethylene Composite
Specific Gravity: 0,99
Melting Point: 165°C/260°C
Operating Temperature: 70°C (max./continuous use)



powerflote cx 12 pro

Doublebraid rope, Core: 12-strand braided

Nominal Rope-Size	Nominal Rope Circ.	Rope Weight	Minimum Breaking Force	
(~mm Ø)	~" inch	~ kg/m	kN	kgf
40	5	0,80	296	30200
44	5½	0,96	358	36500
48	6	1,13	422	43000
52	6½	1,36	495	50500
56	7	1,54	569	58000
60	7½	1,81	647	66000
64	8	2,04	736	75000
68	8½	2,31	830	84700
72	9	2,58	930	94900
80	10	3,20	1140	116000
88	11	3,97	1360	139000
96	12	4,62	1620	165000
104	13	4,99	2070	211000
112	14	5,78	2390	244000
120	15	6,64	2720	277000

Material: High Tenacity Polyester/Polyethylene Composite
Specific Gravity: 0,99
Melting Point: 165°C
Operating Temperature: 70°C (max./continuous use)

Impregnation .....

...an effective gain for extra life and safety:
AFC emulsions (PE, PFF or PUD-based, depending on rope material)protect rope yarns, therefore
- **optimise load distribution and elongation balance within the strand structure**
- **protect yarns from rubbing against one another and from infiltration of foreign particles**
- **effectively reduce wear inside the rope**

The rope weight is defined as the linear rope mass under pretension. Permissible limit deviation 6-8mm ±10%, 10-14mm ±8%, above these ±5%. The nominal rope size is the approximate rope diameter in mm, the nominal rope circumference the approximate rope circumference in inches. Due to mode of construction the actual rope diameter of new square braided rope can be up to 25% higher than the nominal diameter. Minimum breaking forces determined according to current ISO standard. (Test result meets requirement if break occurs either at 100% of relevant value when linear (unspliced), or minimum 90% at splice).

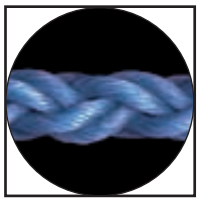
Toughening up...
Polyester reinforced.
High tensile strength at break, increased wear resistance.
But: light, easy to handle and floats.
(Applies also to opposite page).

Ships...

Shown here: typical ropes used on board

powerflote clt

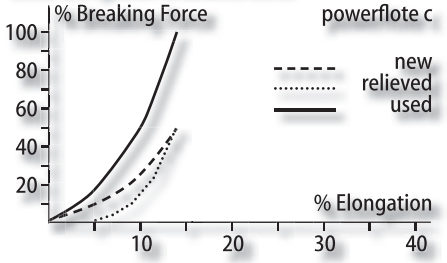
8-strand square braided



Nominal Rope-Size	Nominal Rope Circ.	Rope Weight	Minimum Breaking Force	
(~mm Ø)	~" inch	~ kg/m	kN	kgf
40	5	0,80	326	33300
44	5½	0,97	389	39700
48	6	1,15	462	47100
52	6½	1,35	531	54200
56	7	1,58	610	62200
60	7½	1,81	693	70700
64	8	2,05	788	80400
68	8½	2,32	866	88300
72	9	2,60	973	99200
80	10	3,21	1190	121000
88	11	3,89	1420	145000
96	12	4,63	1680	171000

Material: High Tenacity Polyester/Polyethylene Composite
Specific Gravity: 0,99
Melting Point: 165°C/260°C
Operating Temperature: 70°C (max./continuous use)

Load-Elongation Characteristics



powerflote cx plus

8-strand square plaited

Nominal Rope-Size	Nominal Rope Circ.	Rope Weight	Minimum Breaking Force	
(~mm Ø)	~" inch	~ kg/m	kN	kgf
40	5	0,78	319	32500
44	5½	0,98	385	39300
48	6	1,15	452	46100
52	6½	1,37	533	54300
56	7	1,58	614	62600
60	7½	1,79	696	71000
64	8	2,04	795	81100
68	8½	2,32	896	91400
72	9	2,57	998	102000
80	10	3,21	1220	124000
88	11	3,85	1470	150000
96	12	4,53	1740	177000

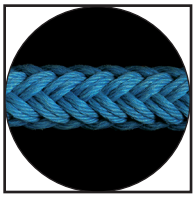
Material: High Tenacity Polyester/Polyethylene Composite
Specific Gravity: 0,99
Melting Point: 165°C/260°C
Operating Temperature: 70°C (max./continuous use)

Colours of ropes illustrated subject to change

Interlacing...
Multistrand composite fibre rope.
Extremely flexible, higher strength, improved wear resistance, floats.

powerflote clx 24 plus

12x2-strand braided with twisted core



Nominal Rope-Size	Nominal Rope Circ.	Rope Weight	Minimum Breaking Force	
(~mm Ø)	~" inch	~ kg/m	kN	kgf
48	6	1,14	450	45900
52	6½	1,33	524	53400
56	7	1,53	602	61400
60	7½	1,72	683	69700
64	8	2,04	768	78300
68	8½	2,43	864	88100
72	9	2,64	960	97200

Material: High Tenacity Polyester/Polyethylene Composite
Specific Gravity: 0,99
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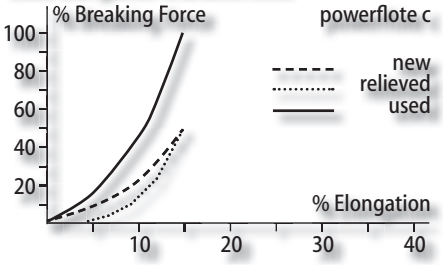
Load-Elongation Characteristics



Colours of ropes illustrated subject to change

Impregnation .....

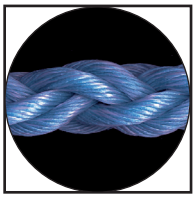
...an effective gain for extra life and safety:
AFC emulsions (PE, PFF or PUD-based, depending on rope material)protect rope yarns, therefore
- **optimise load distribution and elongation balance within the strand structure**
- **protect yarns from rubbing against one another and from infiltration of foreign particles**
- **effectively reduce wear inside the rope**

The rope weight is defined as the linear rope mass under pretension. Permissible limit deviation 6-8mm ±10%, 10-14mm ±8%, above these ±5%. The nominal rope size is the approximate rope diameter in mm, the nominal rope circumference the approximate rope circumference in inches. Due to mode of construction the actual rope diameter of new square braided rope can be up to 25% higher than the nominal diameter. Minimum breaking forces determined according to current ISO standard. (Test result meets requirement if break occurs either at 100% of relevant value when linear (unspliced), or minimum 90% at splice).

Even tougher...
Polyester reinforced.
Higher strength.
Excellent wear resistance.
Light, easy to handle, floats.

powerflote clt plus

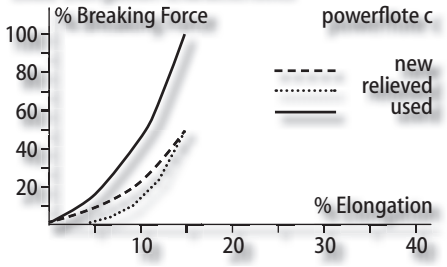
8-strand square plaited, L-Type



Nominal Rope-Size	Nominal Rope Circ.	Rope Weight	Minimum Breaking Force	
(~mm Ø)	~" inch	~ kg/m	kN	kgf
32	4	0,69	278	28400
36	4½	0,80	345	35200
40	5	0,97	417	42500
44	5½	1,12	482	49200
48	6	1,28	546	55700
52	6½	1,49	613	62300
56	7	1,69	713	72700
60	7½	1,90	796	81200
64	8	2,11	886	90400
68	8½	2,46	1025	105000
72	9	2,67	1135	116000
76	9½	3,15	1315	134000
80	10	3,48	1448	148000
88	11	4,15	1790	183000
96	12	4,89	2014	205000
104	13	5,63	2235	228000

Material:	High Tenacity Polyester/Polyethylene Composite
Specific Gravity:	0,99
Melting Point:	165°C/260°C
Operating Temerature:	70°C (max./continous use)

Load-Elongation Characteristics



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Colour as illustrated subject to change

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