



# Dextron 12 Plus

**STRONG CONNECTIONS**

## 12 strand braided ropes

Dim (mm)	Weight (kg/100m)	Breaking Strength Unspliced (Te)	Breaking Strength Spliced (Te)*
8	4,3	8,1	7,3
10	6,2	12,0	10,8
12	11,1	19,7	17,7
14	12,7	24,2	21,8
16	13,5	27,0	24,3
18	16,3	35,7	32,1
20	22,0	42,0	37,8
22	25,0	49,2	44,3
24	31,3	58,1	52,3
26	37,8	67,8	61,0
28	44,3	75,7	68,1
30	49,9	85,4	76,9
32	53,8	93,7	84,3
34	62,8	105,0	94,5
36	68,7	114,9	103,4
38	82,1	129,0	116,1
40	88,5	143,1	128,8
42	105,0	156,0	140,4
44	114,2	169,2	152,3
46	120,3	185,0	166,5
48	123,1	195,0	175,5
50	144,1	204,0	183,6
52	162,1	220,0	198,0
56	170,9	251,0	225,9
60	208,8	277,0	249,3
64	221,3	306,0	275,4
68	281,0	338,0	304,2
72	308,0	378,0	340,2
76	342,0	419,0	377,1
80	388,7	457,0	411,3
86	390,4	515,0	463,5
88	428,0	576,0	518,4
94	525,0	602,0	541,8
96	510,0	648,0	583,2
100	550,0	682,0	613,8
104	592,0	741,0	666,9
112	673,4	840,0	756,0
120	805,0	990,0	891,0

\*Given loads assumes spliced eye terminations at each end of the rope

Diameter, weight and breaking strength determined according to ISO 2307:2010.

Diameter tolerance +/- 2%

Weight and length tolerance +/- 5%

Larger diameters available on request



Dextron® rope made with Dyneema®  
The world's strongest fiber™

### Applications

Seismic lines	Mooring lines
Winch lines	Pick-up-lines
Tug assist lines	Towing lines
Fishing lines	SPM hawsers
Installation lines	Wire rope alternative
Pennants	Lifting slings
Grommets	Messenger lines

### Characteristics

<b>Material</b>	Dyneema®SK78
<b>Colour of rope</b>	Yellow
<b>Strength</b>	High strength per weight ratio

#### Elastic elongation

Below 0,44% at 10%	of breaking load
Below 0,62% at 20%	of breaking load
Below 0,79% at 30%	of breaking load

#### Water absorption

None

#### Abrasion resistance

Very good

#### Fatigue resistance

Excellent

#### UV exposure

Very good

#### Chemical resistance

Excellent

#### Melting range

144-152 °C

#### Max work temperature

65°C

#### Specific density

0,98 (floating)

### Special Properties

- Stronger than steel wire with corresponding diameter
- Fast and easy to splice
- Low weight compared to steel wire ropes
- Floats – specific gravity below 1,0
- High abrasion resistance against wear and tear
- Long service life
- Flexible and easy to handle
- High safety – low kinetic energy (low lash back)
- Torque free and dielectric/resonance properties
- Excellent resistance against acid and chemicals

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