

GP-12

12-STRAND UHMWPE SINGLE BRAID

Engineered for high-strength applications, GP-12 is heat-treated and coated for enhanced abrasion resistance, providing excellent durability and long-term performance.

FEATURES:

- Superior colourfastness (solution-dyed yarn)
- Extreme strength-to-weight ratio
- 15 x stronger than steel
- Safer than wire (low recoil)
- Hydrophobic fibre (no water absorption)
- Floats
- Low creep
- Easy to splice
- Resistant to kinking
- Maintains high strength around tight-radius bends
- Exceptional UV and chemical resistance
- Southern Ropes abrasion-resistant coating reduces snagging and provides superior winch drum grip

APPLICATIONS:

- Wire rope replacement
- Winch lines
- Towing
- Lifting

TECHNICAL:

- Stealth Fibre® Ultra-high molecular weight polyethylene
- 32 cN/dtex tenacity
- 3.5% fibre elongation at break
- 0.98 g/cm³ density

OPTIONS:

- Available in 3 constructions:
 - 1x12 (1 – 9 mm)
 - 2x12 (10 – 60 mm)
 - 12x12 (62 – 105 mm)
- Protective cover braid
- Larger diameters
- Spliced eyes, with or without thimbles
- Proof loading with certificate
- Custom solution-dyed colours available



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Diameter (mm)	Spliced Strength (Metric Tonne)	Linear Strength (Metric Tonne)
3	1.3	1.4
4	2.2	2.4
5	3.1	3.4
6	4.3	4.8
7	5.2	5.8
8	6.6	7.3
9	8.3	9.2
10	9.7	10.8
12	15.3	17.0
14	17.9	19.9
16	21.2	23.5
17	27.0	30.0
18	31.3	34.7
19	34.9	38.7
20	40.8	45.3
22	47.0	52.2
24	55.2	61.3
26	65.3	72.5
28	76.0	84.4
30	82.5	91.6
32	84.6	93.9
34	95.0	105.5
36	106.8	118.5
38	118.0	131.0

Diameter (mm)	Spliced Strength (Metric Tonne)	Linear Strength (Metric Tonne)
40	131.0	145.0
42	143.0	160.0
44	157.0	174.0
46	168.0	186.0
48	181.0	200.0
50	191.0	212.0
52	201.0	223.0
54	215.0	240.0
56	230.0	255.0
58	248.0	275.0
60	268.0	300.0
62	293.0	325.0
64	320.0	355.0
66	339.0	375.0
68	360.0	400.0
70	379.0	420.0
72	400.0	444.0
74	424.0	470.0
76	450.0	500.0
78	474.0	526.0
80	500.0	555.0
88	600.0	666.0
96	710.0	788.0
105	850.0	944.0

