Soft Shackles

Super-12® soft shackles with an ultra-high strength-to-weight ratio Super-12® Soft Shackles are versatile, safe & easy to use, making them excellent steel shackle replacements—drastically saving weight and reducing the risk of injuries.

FEATURES

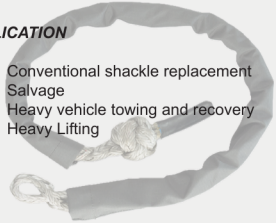
- Extreme strength-to-weight ratio
- Will not rust or corrode
- Lightweight and flexible to reduce the risk of back injuries and assist with on-site handling
- Floats on water and will not sink in mud
- No tools required
- Maintains high strength around tight-radius bends
- Low elongation
- Minimal recoil at break
- Abrasion-resistant
- High resistance to bending fatigue
- Exceptional UV and chemical resistance

TECHNICAL

- Material: Stealth Fibre® UHMwPE
- Construction: 12-strand
- With or without cover

APPLICATION

- Conventional shackle replacement
- Salvage
- Heavy vehicle towing and recovery
- Heavy Lifting



HMPE Base Rope Code (a)	Line Density (b) of HMPE		MBL (c) of HMPE Base Rope (Eye Spliced)	MBL of Soft Shackle (d)			
	Nominal Value	Deviation		1 Turn	2 Turns	3 Turns	4 Turns
	Ktex	%	Tonnes	Tonnes	Tonnes	Tonnes	Tonnes
3	5,5	+/- 8%	1,3	2	3	4	7
4	9,8		2,2	3	5	7	11
5	15,3		3,1	5	7	10	16
6	22,1	+/- 5%	3,6	5	8	12	18
8	39,3		6,2	9	14	21	31
10	59,1		9,5	14	21	32	48
12	85,1		13,5	20	30	46	68
16	151,3		23,0	35	52	78	116
20	227,3		34,0	51	77	115	172
22	275,0		40,5	61	91	137	205
24	327,3		47,0	71	106	159	238
26	384,1		54,0	81	122	182	273
28	445,5		61,5	92	138	208	311
30	499,1		70,0	105	158	236	354
32	567,9		78,0	117	176	263	395
34	641,1		87,0	131	196	294	440
36	718,7		96,0	144	216	324	486

(a) The rope code corresponds to its approximate diameter in millimetres.
(b) Line density (in Ktex) corresponds to the net mass of the rope per unit length and is expressed in grams per metre or kilograms per kilometre.
(c) MBL are measured in accordance with the test methods and under the test conditions specified in ISO 2307 and do not represent actual breaking strengths under other application conditions and uses.
(d) MBL of soft shackles is determined at D/d ≥ 3 and does not represent the actual breaking strength under other application conditions and uses.