

COMMERCIAL & OFFSHORE

Dyneema

Constructed from Dyneema SK75, SK78 and SK90. Typical applications include Mooring lines, Winch lines, Tow lines, Tug assist lines, deep water lift lines, Seismic survey lines, oceanographic cables and messenger/pickup lines.



8 Strand Dyneema

Nominal Diameter (mm)	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80
Nominal mass (KG/100)	27	37.5	50.1	62.5	75	87.1	104	116	142	158	174	199	224	249	274
Minimum break load (T)	42.5	57.7	75.4	92	108	127	147	164	193	210	237	262	297	330	361



12 Strand Dyneema

Nominal Diameter (mm)	12	14	16	18	20	22	24	28	32
Nominal mass (KG/100)	8.3	10.3	12.3	16.5	21	25.2	27	37.5	50.1
Minimum break load (T)	14	17.2	20.3	26.9	33.7	40.1	42.5	57.7	75.4



Superline Dyneema

Nominal Diameter (mm)	28	30	32	34	36	40	44	48	52	56	60
Nominal mass (KG/100)	45.8	47.7	67.1	73.1	77.4	87.3	104	138	173	190	208
Minimum break load (T)	47.5	51.3	60.4	68.7	73.6	90	107	126	147	169	193

Polyester

Constructed from high tenacity polyester multifilament fibre. Typically used for deep-sea cable recovery ropes, towing springs and mooring lines.



8 Strand Polyester

Nominal Diameter (mm)	16	18	20	22	24	28	32	36	40	44	48	52	56	64	72	80
Circumference inch	2	2.25	2.5	2.75	3	3.5	4	4.5	5	5.5	6	6.5	7	8	9	10
Nominal mass (KG/100)	19.5	24.5	30.3	36.7	43.7	59.4	77.8	98.2	121	147	175	205	238	311	393	485
Minimum break load (T)	5.02	6.82	8.05	9.3	11.8	16	20.9	27.8	34.5	41	47.5	55.4	64.5	82.7	107	130



Polyester Braid on Braid

Nominal Diameter (mm)	16	18	21	24	28	32	36	40	44	48	52	56
circumference inch	2	2.25	-	3	3.5	4	4.5	5	5.5	6	6.5	7
Nominal mass (KG/100)	18.8	22.5	39.2	50	67.9	88.6	112	122	147	176	205	238
Minimum break load (T)	6.31	7.9	10.8	15.1	18.6	24.9	29.2	35.3	40.5	49.9	56.2	64



Polyester Superline

Nominal Diameter (mm)	16	18	20	22	24	28	32	36	40	44	48	52	56	60	64
circumference inch	2	2.25	2.5	2.75	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
Nominal mass (KG/100)	18	28	32	36	45	55	77	87	112	137	165	206	227	248	280
Minimum break load (T)	8.1	11.6	12.9	15.1	18.5	22.5	30.5	36.4	46.3	58.2	69.1	84.7	95	105	118

Nylon

Constructed from high tenacity multifilament nylon fibre. Typical applications include single point moorings, lifting and handling, general applications.



Nylon 8 Strand

Nominal Diameter (mm)	16	18	20	22	24	28	32	36	40	44	48	52	56	64	72	80
circumference inch	2	2.25	2.5	2.75	3	3.5	4	4.5	5	5.5	6	6.5	7	8	9	10
Nominal mass (KG/100)	15.8	20	24.5	30	35.5	48.5	63	80	99	120	142	166	193	252	319	394
Minimum break load (T)	5.3	6.7	8.3	10	12	15.8	20	24.8	30	35.8	42	48.8	56	72	90	110



Nylon Double braid

Nominal Diameter (mm)	16	18	21	24	28	32	36	40	44	48	52	56
circumference inch	2	2.25	2.6	3	3.5	4	4.5	5	5.5	6	6.5	7
Nominal mass (KG/100)	16	21	29	36	49	64	80	99	120	143	168	195
Minimum break load (T)	6.45	8.64	11.5	14.3	19.4	25.3	31.9	39	47.2	56	65.5	75.7



Nylon Superline

Nominal Diameter (mm)	16	18	20	22	24	28	32	36	40	44	48	52	56	60	64
circumference inch	2	2.25	2.5	2.75	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
Nominal mass (KG/100)	19.1	21.8	34.1	43.2	49.1	57.5	75.1	86.5	103	117	128	172	184	208	245
Minimum break load (T)	7.3	8.4	12.4	15.2	17.8	21.1	27.7	33	40.9	47.5	58.2	68.2	78.7	90.3	103



Dynamic Climbing Rope

Marlow Dynamic ropes are manufactured to CE standard in accordance with EN 892. Typical applications are climbing, fall arrest systems and safety lines.

Diameter (mm)	10.5	11
Mass (g/m)	72.9	77.4
10-80Kg Elongation %	7.3	7.6
Knotability	0.6	0.71
Held Factor 1.78 falls	7	9
Impact force	8.83	8.03
CE Standard	EN 892	EN 892



Static Ropes (LSK)

Marlow Static ropes (LSK) are manufacture red to CE standard in accordance with EN1891. Typical applications include abseiling, work positioning and industrial rope access.

Diameter (mm)	9	10	10.5	11
Rope Classification	B	A	A	A
Mass (g/m)	54.4	63.2	69	75.2
50-150Kg Elongation (%)	4.2	3.4	3.6	3.8
Fall factor 1 falls (fig 8 loop)	27	16	40	61
Peak force Fig 8 loop (kN)	4.43	5.2	5.3	5
Av Static strength Fig 8 Loop (kN)	16.9	18.1	20.1	21.1
Av. Static strength ex. Terms (kN)	24.3	28.8	32.9	35.5
CE Standard	EN1891	EN1891	EN1891	EN1891



Escape Cord

Marlow escape cord is made to meet requirements of escape systems and applications requiring descent control and fire rescue.

Diameter (mm)	8mm SS Core	8mm GS Core
Mass (g/m)	101.3	105.6
Minimum break load (kN)	12.8	12.8



Nylon Accessory Cord

Marlow accessory cord is designed as a general purpose durable polyester cord.

Diameter (mm)	3	4	5	6	7	8
Mass (g/m)	7	12	18	26	31	47
Minimum break load (kN)	183	326	510	734	999	1305
CE Standard	EN564	EN564	EN564	EN564	EN564	EN564



English Braids Limited

Spring Lane • Malvern, • Worcestershire • WR14 1AL
Tel: +44 (0) 1684 892 222 • Fax: +44 (0) 1684 892 111
Email: info@englishbraids.com • www.englishbraids.com

