

Industrial

OTHER SEGMENTS | INDUSTRIAL | NATURAL

Sisal Ropes

Traditional ropes made from a blend of selected natural fibers, with good abrasion resistance and low elongation. These are biodegradable and non-polluting, as well as excellent for classic old fashion ships. A special colour treatment can be applied upon request to match the natural colour of the manila fiber.



3 / 4 Strands



Advantages

- Low elongation
- Bio degradable, non-polluting
- Does not slip
- Good UV resistance

Applications

Classic Vessels

Tie-up Lines

Diameter		Size	Weight			Breaking Load		
		Circ.						
mm	Inches	Inches	Ktex	Kg/100m	lbs/100ft	kgf	lbf	kN
6	1/4	3/4	25	2,5	1,7	263	580	3
8	5/16	1	44	4,4	3	459	1.012	4
10	3/8	1 1/4	69	6,9	4,7	707	1.558	7
12	1/2	1 1/2	99	10	6,7	1.005	2.217	10
14	9/16	1 3/4	136	13,6	9,1	1.356	2.990	13
16	5/8	2	177	17,7	11,9	1.754	3.867	17
18	3/4	2 1/4	225	22,5	15,1	2.203	4.856	22
20	13/16	2 1/2	277	27,7	18,6	2.702	5.957	26
22	7/8	2 3/4	335	33,5	22,5	3.253	7.171	32
24	1	3	399	39,9	26,8	3.855	8.498	38
26	1 1/32	3 1/4	468	46,8	31,4	4.507	9.936	44
28	1 1/8	3 1/2	543	54,3	36,5	5.201	11.465	51
30	1 1/4	3 3/4	624	62,4	41,9	5.945	13.106	58
32	1 5/16	4	710	71	47,7	6.730	14.837	66
34	1 11/32	4 1/4	804	80,4	54	7.546	16.636	74
36	1 1/2	4 1/2	898	89,8	60,3	8.453	18.636	83
38	1 9/16	4 3/4	1.004	100,4	67,5	9.381	20.682	92
40	1 5/8	5	1.110	111	74,6	10.401	22.930	102
44	1 3/4	5 1/2	1.340	134	90	12.441	27.426	122

More diameters available by demand.

In accordance to ISO 1181:2004.

- ☒ Raw Material: Sisal
- ☒ Specific Gravity: 1,38
- ☒ Elongation at % of BS:
25% 4%
50% 7%

Sisal Packing Twine

With a production unit in Portugal, Cotesi offers a complete range of Sisal Packing Twine solutions. Customized to your needs and presented in different shapes and sizes.



Packing Twine

Applications

Commerce

General Usage

Ref.	Runnage			Breaking Load		
	m/kg	ft/lb	tol.	kgf	lbf	kN
200/1	200	300	+/- 8%	77	170	0,8
300/1	300	450		51	112	0,5
400/1	400	600		41	90	0,4
500/1	500	750		32	71	0,3
600/1	600	900		27	60	0,3
200/2	98	147		166	366	1,6
300/2	147	220		110	243	1,1
400/2	196	294		89	196	0,9
500/2	245	367		70	154	0,7
600/2	294	440		58	128	0,6
200/3	65	97		250	551	2,5
300/3	98	147		166	366	1,6
400/3	131	166		134	295	1,3
500/3	163	244		107	236	1
600/3	196	294		89	196	0,9
200/4	49	73		335	739	3,3
300/4	73	109		223	492	2,2
400/4	98	147		179	395	1,8
500/4	122	183		143	315	1,4
600/4	147	220		119	262	1,2

Available in 1, 2, 3 and 4 ply in a shape of balls or spools. Standard colour is Natural.



PP Film

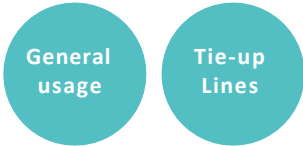
A PP film twisted rope that has a high level of strength and excellent service life compared to other standard polypropylene twisted ropes.



Advantages

- Direct and twisted yarn construction
- Lightweight
- Good wear resistance

Applications



Diameter		Size	Weight			Breaking Load		
mm	Inches	Circ.	Ktex	Kg/100m	lbs/100ft	kgf	lbf	kN
4	5/32	3	7	0,7	0,5	283	625	3
5	3/16	3 1/4	11	1,1	0,8	431	951	4
6	1/4	3 1/2	16	1,6	1,1	604	1.331	6
8	5/16	3 3/4	29	2,9	1,9	1.030	2.271	10
10	3/8	4	45	4,5	3	1.570	3.462	15
12	1/2	4 1/2	65	6,5	4,4	2.203	4.856	22
14	9/16	5	89	8,9	6	2.947	6.497	29
16	5/8	5 1/2	116	11,6	7,8	3.773	8.318	37
18	3/4	6	146	14,6	9,8	4.711	10.386	46
20	13/16	3	181	18,1	12,2	5.721	12.612	56
22	7/8	3 1/4	219	21,9	14,7	6.842	15.084	67
24	1	3	260	26	17,5	8.035	17.715	79
26	1 1/32	3 1/4	306	30,6	20,6	9.330	20.570	91
28	1 1/8	3 1/2	354	35,4	23,8	10.707	23.605	105
30	1 1/4	3 3/4	407	40,7	27,3	12.135	26.752	119
32	1 5/16	4	463	46,3	31,1	13.664	30.124	134
34	1 11/32	4 1/4	525	52,5	35,3	15.398	33.946	151

More diameters available by demand.

In accordance to ISO 1346:2021.

- ☒ Raw Material: Polypropylene Split Film
- ☒ Specific Gravity: 0,91
- ☒ Melting Point: 165°C
- ☒ Elongation at % of BS:
25% 6,5%
- ☒ 50% 12%

PP Film Packing Twine

With a production unit in Portugal, Cotesi offers a complete range of PP Film Packing solutions. Customized to your needs and presented in different shapes and sizes.



Ref.	Runnage			Breaking Load		
	m/kg	ft/lb	tol.	kgf	lbf	kN
170/1	170	260	+/- 8%	210	463	2,1
220/1	220	330		160	353	1,6
300/1	300	450		122	269	1,2
350/1	350	520		103	227	1
450/1	450	650		81	179	0,8
500/1	500	750		72	159	0,7
570/1	570	850		63	139	0,6
700/1	700	1.050		51	112	0,5
900/1	900	1.350		40	88	0,4

Available in 1, 2, 3 and 4 ply in a shape of balls or spools. Standard colour is Natural.

Applications

