



FIBERSTEEL

Made monofilament polypropylene fiber made with special processes to achieve high tenacity fibers.

The result of this processes it's an incredible high tenacity and performance rope.

Fibersteel is the strongest synthetic end of its class.

A rope with quality and consistency without equal, 45-50% stronger and resistant.

Applications

- Mooring for boats.
- Ideal for marine maneuvers.

Sectors where are used:

Marine, Building, Fishing, Aquaculture and maritime Transportation.

Main Characteristics:

Material of construction:

Hight tenacity Monofilament Polypropylene

Diameters:

- 12 strands Braided from 3/4" to 2"
- 8 strands Braided from 3/4 " to 8"
- 3 strands Twisted from 1/4" to 3"

Maximum elongation at the point of rupture:

18%

Type of construction:

3 strand Twisted
8 and 12 strands Braided

Tenacity:

7.5 grams per Denier.



Water absorption:

0%

- High resistance to acids / alkalis
- No loss of strength / resistance when wet
- It can be stored wet
- Excellent UV Protection
- Water Absortion <1%
- Rot resistance
- Resistance to rupture according to the specifications of the **Cordage Institute**
- Excellent resistance to abrasion

Line color:

Greenish Blue

PROPIEDADES PROPERTIES	POLIPROPILENO POLY	NYLON NYLON	POLIÉSTER POLYESTER	MANILA MANILA	SISAL SISAL	FIBER/SUPERSTEEL FIBER/SUPERSTEEL
Resistente a la corrosión Rot Resistant	•••••	•••••	•••••	•	•	•••••
Resistente al Moho Mildew Resistant	•••••	•••••	•••••	•	•	•••••
Resistente a la Gasolina y al aceite Oil and Gas Resistant	•••••	•••••	•••••	••	••	•••••
Resistente al Ácido Acid Resistant	•••••	••••	•••••	•	•	•••••
Manipulable Handling	••••	•••••	•••••	••	•	••••
Durabilidad Durability	••••	•••••	•••••	••••	•	•••••
Abrasión Abrasion	••	•••••	•••••	••••	••	•••••
Carga de descarga Eléctrica Shock Load	••	•••••	••••	••	•	••••
Resistente a la luz solar Sunlight Resistant	•	••	•••••	•••••	•••••	••••
Almacenaje Storage	Seco / Húmedo Dry/Wet	Seco / Húmedo Dry/Wet	Seco / Húmedo Dry/Wet	Seco Dry	Seco Dry	Seco / Húmedo Dry/Wet
Flotabilidad Floats	Sí Yes	No No	No No	No No	No No	Sí Yes
El calor lo debilita a Heat weakens at	65 °C 150 °F	176 °C 350 °F	176 °C 350 °F	No se verá afectado Unaffected	No se verá afectado Unaffected	65 °C 150 °F

(FIBERSTEEL) 12 TORONES/STRANDS	Diámetro / Diameter		Circunferencia Circunference	Resistencia mínima a la ruptura/ Minimun Beaking Strength	
	mm	Pulgadas Inches	Pulgadas Inches	Kg	Lb
	19	3/4"	2 1/4	6,155	13,570
22	7/ 8	2 3/4	8,518	18,780	
25	1	3	9,867	21,730	
28	1 1/8	3 1/2	13,154	29,000	
32	1 1/4	3 3/4	14,969	33,000	
33	1 5/16	4	16,524	36,429	
38	1 1/4	3 3/4	14,949	33,000	
41	1 5/8	5	26,721	58,910	
44	1 3/4	5 1/2	30,844	68,000	
51	2	6	35,380	78,000	

(FIBERSTEEL) 3 TORONES/ STRANDS	Diámetro / Diameter		Circunferencia Circunference	Resistencia mínima a la ruptura/ Minimun Beaking Strength	
	mm	Pulgadas Inches	Pulgadas Inches	Kg	Lb
	6	1/4	3/4	748	1,650
8	5/16	1	1,279	2,820	
9	3/8	1 1/8	1,678	3,700	
11	7/16	1 1/4	1,996	4,400	
13	1/2	1 1/2	2,313	5,100	
14	9/16	1 3/4	3,792	8,360	
16	5/8	2	4,826	10,640	
19	3/4	2 1/4	6,155	13,570	
22	7/8	2 3/4	8,518	18,780	
25	1	3	9,857	21,730	
28	1 1/8	3 1/2	13,154	29,000	
32	1 1/4	3 3/4	14,969	33,000	
33	1 5/16	4	16,524	36,429	
38	1 1/2	4 1/2	21,573	47,560	
41	1 5/8	5	26,721	58,910	
44	1 3/4	5 1/2	30,844	68,000	
51	2	6	35,380	78,000	
57	2 1/4	7	45,064	99,349	
63	2 1/2	7 1/2	55,288	121,890	
67	2 5/8	8	60,590	133,577	
70	2 3/4	8 1/2	71,951	158,625	
76	3	9	78,009	171,981	

(FIBERSTEEL) 8 TORONES/ STRANDS	Diámetro / Diameter		Circunferencia Circunference	Resistencia mínima a la ruptura/ Minimun Beaking Strength	
	mm	Pulgadas Inches	Pulgadas Inches	Kg	Lb
	19	3/4	2 1/4	6,155	13,570
22	7/8	2 3/4	8,518	18,780	
25	1	3	9,857	21,730	
28	1 1/8	3 1/2	13,154	29,000	
32	1 1/4	3 3/4	14,969	33,000	
33	1 5/16	4	16,524	36,429	
38	1 1/2	4 1/2	21,573	47,560	
41	1 5/8	5	26,721	58,910	
44	1 3/4	5 1/2	30,844	68,000	
51	2	6	35,380	78,000	
57	2 1/4	7	45,064	99,349	
63	2 1/2	7 1/2	55,288	121,890	
67	2 5/8	8	60,590	133,577	
70	2 3/4	8 1/2	71,951	158,625	
76	3	9	78,009	171,981	
82	3 1/4	10	94,293	207,881	
89	3 1/2	11	112,470	247,953	
102	4	12	136,327	300,550	
108	4 1/4	13	149,988	330,666	
114	4 1/2	14	169,077	372,752	
127	5	15	194,301	428,361	
135	5 5/16	16	217,482	479,467	
143	5 5/8	17	242,025	533,573	
152	6	18	271,342	598,206	
178	7	21	354,852	782,314	
203	8	24	450,290	992,721	



Orgullosamente parte de Grupo

CorciMex
Cordelos y Cintas, Calidad Absoluta