



**FACOMEX** Made with a blend of polypropylene monofilament fiber and polyethylene filaments made with special processes to achieve high tenacity fibers.

The result of this processes it's an incredible high tenacity and performance rope. SuperSteel is the strongest synthetic rope in the propylene family with unsurpassed quality and consistency, 60-70% stronger than a normal polypropylene rope.

Supersteel saves time and costs for maneuver for easy use, floatability and weight.

Supersteel is 23% stronger than the high tenacity polyolefin fiber ropes.

## Applications

- Mooring for boats.
- Ideal for marinemanuevers.

## Main Characteristics:

**High Tenacity Polypropylene**

**Specific Gravity:** 0.97

**Excellent resistance and great abrasion**

**No loss of strength / resistance when its wet**

**Chemical resistance:** Good

**Melting Point:** approximately 150oC

**Color:** Green (Black, Blue upon request)

**Type of construction:**

- 3 strands Twisted of 1/4 " to 4"
- 8 strand Braided from 3/4 " to 8"

- 18% to break
- Excellent UVProtection
- Water absorption: 0%



## SUPERSTEEL 3 STRANDS

Diameter		Circunference	Minimum Breaking Strength	
mm	Inches	Inches	Kg	Lb
6	1/4	3/4	850	1,874
8	5/16	1	1,450	3,197
9	3/8	1 1/8	1,830	4,034
10	13/32	1 1/4	2,190	4,828
12	1/2	1 1/2	3,200	7,055
14	9/16	1 3/4	4,250	9,370
16	5/8	2	5,400	11,905
18	3/4	2 1/4	7,500	16,535
20	13/16	2 1/2	8,200	18,078
22	7/8	2 3/4	10,000	22,046
24	1	3	12,600	27,778
26	1 1/32	3 1/4	13,600	29,983
28	1 1/8	3 1/2	15,600	34,392
30	1 1/4	3 3/4	17,500	38,581
32	1 5/16	4	19,600	43,211
36	1 1/2	4 1/2	26,500	58,422
40	1 9/16	5	29,600	65,257
44	1 3/4	5 1/2	36,500	80,469
48	2	6	43,000	94,799
52	2 1/8	6 1/2	49,000	108,027
56	2 1/4	7	55,400	122,136
60	2 1/2	7 1/2	71,500	157,631
64	2 5/8	8	78,200	172,401
70	2 3/4	8 1/2	84,700	186,732
72	3	9	90,600	199,739
80	3 1/4	10	110,700	244,052
88	3 7/16	11	133,300	293,876
96	4	12	158,400	349,212

## SUPERSTEEL 8 STRANDS

Diameter		Circunference	Minimum Breaking Strength	
mm	Inches	Inches	Kg	Lb
24	1	3	14,400	31,747
28	1 1/8	3 1/2	17,800	39,242
30	1 1/4	3 3/4	22,700	50,045
36	1 1/2	4 1/2	28,300	62,391
40	1 5/8	5	34,900	76,941
44	1 3/4	5 1/2	43,700	96,342
45	1 25/32	5 5/8	43,500	95,901
48	2	6	52,200	115,081
52	2 1/8	6 1/2	56,500	124,561
55	2 5/32	6 7/8	62,600	138,009
56	2 1/4	7	64,900	143,080
60	2 1/2	7 1/2	83,900	184,968
64	2 5/8	8	88,500	195,109
68	2 3/4	8 1/2	95,400	210,321
72	3	9	105,500	232,588
76	3 1/8	9 1/2	114,500	252,429
80	3 1/4	10	129,900	286,380
85	3 3/8	10 1/2	146,100	322,095
88	3 5/8	11	156,900	345,905
96	4	12	184,000	405,651
120	5	15	275,000	606,271
152	6	18	320,000	705,479



PROPIEDADES PROPERTIES	POLIPROPILENO POLYPROPYLEN	NYLON NYLON	POLIÉSTER POLYESTER	MANILA MANILA	SISAL SISAL	POLYSTEEL POLYSTEEL	HMPE (High Molecular Polyethylene)
<b>Resistente a la corrosión</b> Rot Resistant	•••••	•••••	•••••	•	•	•••••	•••••••
<b>Resistente al moho</b> Mildew Resistant	•••••	•••••	•••••	•	•	•••••	•••••
<b>Resistente a la gasolina y al aceite</b> Oil and gas resistant	•••••	•••••	•••••	••	••	•••••	•••••
<b>Resistente al ácido</b> Acid Resistant	•••••	••••	•••••	•	•	•••••	•••••
<b>Manipulable</b> Handling	•••	•••••	•••••	••	•	•••	•••••
<b>Durabilidad</b> Durability	•••	•••••	•••••	•••	•	•••••	•••••••
<b>Abrasión</b> Abrasion	••	•••••	•••••	•••	••	•••••	•••••••
<b>Resistente a descarga eléctrica</b> Shock Load	••	•••••	•••	••	•	•••	•••••
<b>Resistente a la luz solar</b> Sunlight Resistant	•	••	•••••	•••••	•••••	•••	•••••
<b>Almacenaje</b> Storage	Seco / Húmedo Dry/Wet	Seco / Húmedo Dry/Wet	Seco / Húmedo Dry/Wet	Seco Dry	Seco Dry	Seco / Húmedo Dry/Wet	Seco / Húmedo Dry/Wet
<b>Flotabilidad</b> Floats	Sí Yes	No No	No No	No No	No No	Sí Yes	Sí Yes
<b>El calor lo debilita a</b> 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	147 °C 296 °F