



# MAGNO

**Facomex** makes MAGNO a great Mooring rope as for the texture and appearance and its different from a monofilament rope although the resistance is the same, sometimes it's have been found that have a greater resistance and abrasion than polypropylene monofilament.

## Applications

- For all uses and moorings.
- Ideal for floatability, texture and easy to use.

## Main Characteristics:

### Polypropylene Multifilament

**Specific Gravity:** 0.91

**Fair resistance to abrasion**

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

**Chemical resistance:** Good

**Melting Point:** approximately 165oC

### Type of construction:

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

**Color:** White

### Elongation / elongation:

10%	20%	30%
4.50%	5.50%	6.50%

- Excellent UV Protection
- Water absorption: 0%



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

(MAGNO) 12 TORONES/STRANDS	Diámetro / Diameter		Circunferencia Circumference	Resistencia mínima a la ruptura / Minimum Beaking Strength	
	mm	Pulgadas Inches	Pulgadas Inches	Kg	Lb
	19	3/4	2 1/4	4,338	9,563
22	7/8	2 3/4	5,869	12,938	
25	1	3	7,271	16,030	
28	1 1/8	3 1/2	9,073	20,001	
32	1 1/4	3 3/4	10,971	24,187	
33	1 5/16	4	11,993	26,439	
38	1 1/2	4 1/2	15,508	34,188	
41	1 5/8	5	18,116	39,939	
44	1 3/4	5 1/2	20,923	46,126	
50	2	6	26,535	58,500	

(MAGNO) 3 TORONES/STRANDS	Diámetro / Diameter		Circunferencia Circumference	Resistencia mínima a la ruptura / Minimum Beaking Strength	
	mm	Pulgadas Inches	Pulgadas Inches	Kg	Lb
	6	1/4	3/4	638	1,405
8	5/16	1	970	2,138	
9	3/8	1 1/8	1,378	3,037	
11	7/16	1 1/4	1,786	3,938	
13	1/2	1 1/2	2,144	4,726	
14	9/16	1 3/4	2,603	5,738	
16	5/8	2	3,164	6,975	
19	3/4	2 1/4	4,338	9,563	
22	7/8	2 3/4	5,869	12,938	
25	1	3	7,271	16,030	
28	1 1/8	3 1/2	9,073	20,001	
32	1 1/4	3 3/4	10,971	24,187	
33	1 5/16	4	11,993	26,439	
38	1 1/2	4 1/2	15,508	34,188	
41	1 5/8	5	18,116	39,939	
44	1 3/4	5 1/2	20,923	46,126	
50	2	6	26,535	58,500	
57	2 1/4	7	33,680	74,252	
63	2 1/2	7 1/2	40,824	90,001	
67	2 5/8	8	45,644	100,627	
70	2 3/4	8 1/2	53,581	118,126	
76	3	9	58,174	128,251	

(MAGNO) 8 TORONES/STRANDS	Diámetro / Diameter		Circunferencia Circumference	Resistencia mínima a la ruptura / Minimum Beaking Strength	
	mm	Pulgadas Inches	Pulgadas Inches	Kg	Lb
	19	3/4	2 1/4	4,338	9,563
22	7/8	2 3/4	5,869	12,938	
25	1	3	7,271	16,030	
28	1 1/8	3 1/2	9,073	20,001	
32	1 1/4	3 3/4	10,971	24,187	
33	1 5/16	4	11,993	26,439	
38	1 1/2	4 1/2	15,508	34,188	
41	1 5/8	5	18,116	39,939	
44	1 3/4	5 1/2	20,923	46,126	
50	2	6	26,535	58,500	
57	2 1/4	7	33,680	74,252	
63	2 1/2	7 1/2	40,824	90,001	
67	2 5/8	8	45,644	100,627	
70	2 3/4	8 1/2	53,581	118,126	
76	3	9	58,174	128,251	
82	3 1/4	10	68,890	151,876	
88	3 1/2	11	81,648	180,002	
102	4	12	97,468	214,879	
108	4 1/4	13	112,266	247,505	
114	4 1/2	14	126,555	279,006	
127	5	15	145,435	320,629	
135	5 5/16	16	162,786	358,882	
143	5 5/8	17	181,156	399,381	
152	6	18	203,100	447,759	
178	7	21	265,608	585,564	
203	8	24	337,044	743,054	