



COMBO makes COMBO mooring rope which has a unique combination of fibers that provides excellent strength and low elongation of work, with a 30% reduction in weight compared with ropes of polyester.

Applications

- Mooring for boats.
- Ideal for marine maneuvers for its easier handling in terms of flotation and weight.

Main Characteristics:

Polidacron (Polyester - Polypropylene)

Specific Gravity: 0.99

Good resistance to abrasion

No loss of strength / resistance when its wet

Chemical resistance: Good

Melting Point: approximately 165oC / 265oC

Type of construction:

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

Elongation / elongation:

10%	20%	30%
1.40%	2.80%	3.40%

- Excellent UV Protection
- Water absorption: <1%
- Flexible and has excellent abrasion resistance.



PROPIEDADES PROPERTIES	POLIPROPILENO POLY	NYLON NYLON	POLÍÉSTER POLYESTER	MANILA MANILA	SISAL SISAL	POLYSTEEL POLYSTEEL	HMPE (High Molecular Polyethylene)
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	●●	●●●●	●●●●	●●●	●●	●●●●	●●●●●●
Resistente a 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	Seco / Húmedo Dry/Wet
Flotabilidad Floats	Sí Yes	No No	No No	No No	No No	Sí Yes	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	147°C 296°F

(COMBO) 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	4,444	10,238
22	7/8	2 3/4	6,055	13,349	
25	1	3	7,171	15,810	
28	1 1/8	3 1/2	8,886	19,590	
32	1 1/4	3 3/4	10,831	23,879	
33	1 5/16	4	11,947	26,339	
38	1 1/2	4 1/2	15,377	33,900	
41	1 5/8	5	17,935	39,540	
44	1 3/4	5 1/2	20,058	44,220	
50	2	6	26,154	57,660	

(COMBO) 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	653	1,439
8	5/16	1	1,018	2,243	
9	3/8	1 1/8	1,470	3,241	
11	7/16	1 1/4	1,904	4,198	
13	1/2	1 1/2	2,395	5,281	
14	9/16	1 3/4	2,831	6,241	
16	5/8	2	3,320	7,320	
19	3/4	2 1/4	4,664	10,238	
22	7/8	2 3/4	6,055	13,349	
25	1	3	7,171	15,810	
28	1 1/8	3 1/2	8,886	19,590	
32	1 1/4	3 3/4	10,831	23,879	
33	1 5/16	4	11,947	26,339	
38	1 1/2	4 1/2	15,337	33,900	
41	1 5/8	5	17,935	39,540	
44	1 3/4	5 1/2	20,058	44,220	
50	2	6	26,154	57,660	
57	2 1/4	7	32,632	71,940	
63	2 1/2	7 1/2	40,034	88,261	
67	2 5/8	8	43,898	96,779	
70	2 3/4	8 1/2	51,928	114,481	
76	3	9	56,010	123,481	

(COMBO) 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	4,664	10,238
22	7/8	2 3/4	6,055	13,349	
25	1	3	7,171	15,810	
28	1 1/8	3 1/2	8,886	19,590	
32	1 1/4	3 3/4	10,831	23,879	
33	1 5/16	4	11,947	26,339	
38	1 1/2	4 1/2	15,377	33,900	
41	1 5/8	5	17,935	39,540	
44	1 3/4	5 1/2	20,058	44,220	
50	2	6	26,154	57,660	
57	2 1/4	7	32,632	71,940	
63	2 1/2	7 1/2	40,034	88,261	
67	2 5/8	8	43,898	96,779	
70	2 3/4	8 1/2	51,928	114,481	
76	3	9	56,010	123,481	
82	3 1/4	10	66,841	147,360	
88	3 1/2	11	78,816	173,760	
102	4	12	93,077	205,199	
108	4 1/4	13	109,831	242,135	
114	4 1/2	14	129,600	285,719	
127	5	15	152,928	337,149	
135	5 5/16	16	180,455	397,836	
143	5 5/8	17	212,937	469,446	
152	6	18	251,266	553,946	
178	7	21	296,494	653,657	
203	8	24	349,863	771,315	