



# COMBOFLEX

**FACOMEX** Creates the COMBOFLEX mooring rope for high-responsibility purposes with the combination of excellent resistance to abrasion and rupture, excellent option for mooring and dragging boats.

Excellent combination of high tenacity polypropylene and polyester makes the elongation be minimum compared to other options and more resistance.

## Applications

- Mooring for boats.
- Boats Draggins
- Ideal for marítimo maneuvers.

## Main Characteristics:

**Material of Construction:** PP High Tenacity -Poliéster

**Specific Gravity:** 0.99

**Chemical resistance:** Good

### 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"

**Water absorption:** 0-1%

**Color:** White

**Elongation / elongation:** 15%-17%

- Excellent resistance to abrasion
- Without strength loss/ resistance when wet
- Excellent UV Protection



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

|    | Diámetro / Diameter                       |                    | Circunferencia<br>Circumference | Resistencia mínima a<br>la ruptura/ Minimum<br>Beaking Strength |        |
|----|---|--------------------|---------------------------------|---|--------|
|    | mm  | Pulgadas<br>Inches | Pulgadas<br>Inches              | Kg  | Lb     |
|    | <b>(COMBOFLEX)<br/>12 TORONES/STRANDS</b> | 18                 | 3/4                             | 2 1/4   | 6,000  |
| 20 |   | 13/16              | 2 3/4                           | 7,250   | 15,984 |
| 22 |   | 7/8                | 2 3/4                           | 8,800   | 19,401 |
| 24 |   | 1                  | 3                               | 10,400  | 22,928 |
| 26 |   | 11/32              | 3 1/4                           | 12,100  | 26,676 |
| 28 |   | 1 1/8              | 3 1/2                           | 13,900  | 30,644 |
| 30 |   | 1 1/4              | 3 3/4                           | 15,800  | 34,833 |
| 32 |   | 1 5/16             | 4                               | 17,700  | 39,022 |
| 36 |   | 1 1/2              | 4 1/2                           | 22,100  | 48,722 |
| 40 |   | 1 9/16             | 5                               | 26,300  | 57,982 |
| 44 |   | 1 3/4              | 5 1/2                           | 32,000  | 70,548 |
| 48 |   | 2                  | 6                               | 37,500  | 82,673 |

|   | Diámetro / Diameter |                    | Circunferencia<br>Circumference | Resistencia mínima a<br>la ruptura/ Minimum<br>Beaking Strength |         |
|---|---------------------|--------------------|---------------------------------|---|---------|
|   | mm                  | Pulgadas<br>Inches | Pulgadas<br>Inches              | Kg  | Lb      |
| <b>(COMBOFLEX) 3 TORONES/<br/>STRANDS</b> | 10                  | 13/32              | 1 1/4                           | 1,900   | 4,189   |
|   | 12                  | 1/2                | 1 1/2                           | 2,900   | 6,393   |
|   | 14                  | 9/16               | 1 3/4                           | 3,700   | 8,157   |
|   | 16                  | 5/8                | 2                               | 4,760   | 10,494  |
|   | 18                  | 3/4                | 2 1/4                           | 6,000   | 13,228  |
|   | 20                  | 13/16              | 2 1/2                           | 7,250   | 15,984  |
|   | 22                  | 7/8                | 2 3/4                           | 8,800   | 19,401  |
|   | 24                  | 1                  | 3                               | 10,400  | 22,928  |
|   | 26                  | 1 1/32             | 3 1/4                           | 12,100  | 26,676  |
|   | 28                  | 1 1/8              | 3 1/2                           | 13,900  | 30,644  |
|   | 30                  | 1 1/4              | 3 3/4                           | 15,800  | 34,833  |
|   | 32                  | 1 5/16             | 4                               | 17,700  | 39,022  |
|   | 36                  | 1 1/2              | 4 1/2                           | 22,100  | 48,722  |
|   | 40                  | 1 9/16             | 5                               | 26,300  | 57,982  |
|   | 44                  | 1 3/4              | 5 1/2                           | 32,000  | 70,548  |
|   | 48                  | 2                  | 6                               | 37,500  | 82,673  |
|   | 52                  | 2 1/8              | 6 1/2                           | 43,600  | 96,122  |
|   | 56                  | 2 1/4              | 7                               | 50,200  | 110,672 |
|   | 60                  | 2 1/2              | 7 1/2                           | 57,200  | 126,104 |
|   | 64                  | 2 5/8              | 8                               | 64,300  | 141,757 |
|   | 70                  | 8 1/2              | 8 1/2                           | 75,800  | 167,110 |
|   | 72                  | 3                  | 9                               | 79,000  | 174,165 |

|   | Diámetro / Diameter |                    | Circunferencia<br>Circumference | Resistencia mínima a<br>la ruptura/ Minimum<br>Beaking Strength |         |
|---|---------------------|--------------------|---------------------------------|---|---------|
|   | mm                  | Pulgadas<br>Inches | Pulgadas<br>Inches              | Kg  | Lb      |
| <b>(COMBOFLEX) 8 TORONES/<br/>STRANDS</b> | 24                  | 1                  | 3                               | 12,500  | 27,558  |
|   | 28                  | 1 1/8              | 3 1/2                           | 16,600  | 36,597  |
|   | 32                  | 1 1/2              | 3 3/4                           | 21,300  | 46,958  |
|   | 36                  | 1 1/2              | 4 1/2                           | 27,400  | 60,407  |
|   | 40                  | 1 5/8              | 5                               | 32,700  | 72,091  |
|   | 44                  | 1 3/4              | 5 1/2                           | 39,200  | 86,421  |
|   | 45                  | 1 25/32            | 5 5/8                           | 41,100  | 90,610  |
|   | 48                  | 2                  | 6                               | 45,200  | 99,649  |
|   | 52                  | 2 1/8              | 6 1/2                           | 52,700  | 116,184 |
|   | 55                  | 2 5/32             | 6 7/8                           | 58,600  | 129,191 |
|   | 56                  | 2 1/4              | 7                               | 60,900  | 134,262 |
|   | 60                  | 2 1/2              | 7 1/2                           | 69,300  | 152,780 |
|   | 64                  | 2 5/8              | 8                               | 77,400  | 170,638 |
|   | 68                  | 2 3/4              | 8 1/2                           | 86,700  | 191,141 |
|   | 72                  | 3                  | 9                               | 97,000  | 213,848 |
|   | 76                  | 3 1/8              | 9 1/2                           | 105,400   | 232,367 |
|   | 80                  | 3 1/4              | 10                              | 117,900   | 259,925 |
|   | 85                  | 3 3/8              | 10 1/2                          | 133,200   | 293,656 |
|   | 88                  | 3 5/8              | 11                              | 142,800   | 314,820 |
|   | 96                  | 4                  | 12                              | 168,600   | 371,699 |
|   | 120                 | 5                  | 15                              | 261,500   | 576,509 |
|   | 152                 | 6                  | 18                              | 317,000   | 698,865 |