

M-8

Move away from the heavy weight and inflexibility of wire and chain. M-8, Samson's specially designed 8-plait construction rope, is a lighter and more flexible option for multiple offshore applications. Each strand of M-8 is very strong and durable, combining the lightweight strength of high modulus polyethylene (HMPE) Dyneema® fiber with a tightly woven cover. The cover is offered in both polyester and Dyneema® fiber. M-8 features very low elongation, high abrasion resistance, and is available with or without filtration tape. Filtration tape is offered when preventing the ingress of sediment or particulate matter to the strength member is required. This is one of the toughest high-performance ropes we offer for offshore applications.

DYNEEMA® SK-75 OR POLYESTER COVER

JACKETED 8-STRAND CONSTRUCTION

This is one of the toughest high performance ropes we offer for offshore applications.

FEATURES:

- > 8-plait construction
- > High strength
- > Lightweight
- > High abrasion resistance
- > Low elongation
- > Polyester cover offers negative buoyancy and lower cost
- > Dyneema® cover offers positive buoyancy and better abrasion resistance

APPLICATIONS:

- > Anchor lines
- > Lifting and lowering lines
- > Heavy lift slings

SPECIFICATIONS: Dyneema® Cover

| Size Diameter INCHES | Size Circ. INCHES | Size Diameter MILLIMETERS | Weight per 100 ft. POUNDS | Weight per 100 m KILOGRAMS | Samson Average Strength POUNDS | Samson MBS POUNDS | Minimum Breaking Load METRIC TONNES | ISO Minimum Breaking Load METRIC TONNES | Maximum Length* FEET |
|----------------------|-------------------|---------------------------|---------------------------|----------------------------|--------------------------------|-------------------|-------------------------------------|---|----------------------|
| 2-1/4 in. | 7 in. | 56mm | 107 lbs. | 159 Kg | 441,000 lbs. | 397,000 lbs. | 180 MT | 200 MT | 2,800 ft. |
| 2-3/4 in. | 8-1/2 in. | 68mm | 162 lbs. | 241 Kg | 661,000 lbs. | 595,000 lbs. | 270 MT | 300 MT | 1,600 ft. |
| 3-1/4 in. | 10 in. | 80mm | 271 lbs. | 403 Kg | 882,000 lbs. | 794,000 lbs. | 360 MT | 400 MT | 1,400 ft. |
| 3-5/8 in. | 11 in. | 88mm | 362 lbs. | 539 Kg | 1,102,000 lbs. | 992,000 lbs. | 450 MT | 500 MT | 1,200 ft. |
| 4 in. | 12 in. | 96mm | 395 lbs. | 588 Kg | 1,323,000 lbs. | 1,191,000 lbs. | 540 MT | 600 MT | 900 ft. |
| 4-1/4 in. | 13 in. | 104mm | 490 lbs. | 728 Kg | 1,543,000 lbs. | 1,389,000 lbs. | 630 MT | 700 MT | 730 ft. |
| 4-5/8 in. | 14 in. | 112mm | 518 lbs. | 771 Kg | 1,764,000 lbs. | 1,588,000 lbs. | 720 MT | 800 MT | 600 ft. |

SPECIFICATIONS: Polyester Cover

| Size Diameter INCHES | Size Circ. INCHES | Size Diameter MILLIMETERS | Weight per 100 ft. POUNDS | Weight per 100 m KILOGRAMS | Samson Average Strength POUNDS | Samson MBS POUNDS | Minimum Breaking Load METRIC TONNES | ISO Minimum Breaking Load METRIC TONNES | Maximum Length* FEET |
|----------------------|-------------------|---------------------------|---------------------------|----------------------------|--------------------------------|-------------------|-------------------------------------|---|----------------------|
| 2-1/4 in. | 7 in. | 56mm | 130 lbs. | 193 Kg | 441,000 lbs. | 397,000 lbs. | 180 MT | 200 MT | 2,800 ft. |
| 2-3/4 in. | 8-1/2 in. | 68mm | 202 lbs. | 301 Kg | 661,000 lbs. | 595,000 lbs. | 270 MT | 300 MT | 1,600 ft. |
| 3-1/4 in. | 10 in. | 80mm | 303 lbs. | 450 Kg | 882,000 lbs. | 794,000 lbs. | 360 MT | 400 MT | 1,400 ft. |
| 3-5/8 in. | 11 in. | 88mm | 369 lbs. | 548 Kg | 1,102,000 lbs. | 992,000 lbs. | 450 MT | 500 MT | 1,200 ft. |
| 4 in. | 12 in. | 96mm | 440 lbs. | 655 Kg | 1,323,000 lbs. | 1,191,000 lbs. | 540 MT | 600 MT | 900 ft. |
| 4-1/4 in. | 13 in. | 104mm | 553 lbs. | 823 Kg | 1,543,000 lbs. | 1,389,000 lbs. | 630 MT | 700 MT | 730 ft. |
| 4-5/8 in. | 14 in. | 112mm | 601 lbs. | 894 Kg | 1,764,000 lbs. | 1,588,000 lbs. | 720 MT | 800 MT | 600 ft. |

* Cut length.
Add 10% to weights to account for coatings and filter tape.



Dyneema® is a registered trademark of Royal DSM N.V.
Dyneema® is DSM's high-performance polyethylene product.

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