DYNEX FIBRE ROPES





Dynex fibre ropes are high-quality, durable options for crane equipment. These fibre ropes provide a reliable and safe lifting solution. Choose DYNEX fibre ropes for efficient, long-lasting crane operation.

PRODUCT DESCRIPTION

DYNEX fibre ropes are premium ropes made from Dyneema fibres. These multi-strand braided ropes are known for their excellent roundness and smooth surface, which makes them ideal for demanding applications.

Key features:

- **Light and buoyant:** Dyneema® fibre has a density of 0.97 g/cm³, which makes the ropes light and able to float on water.
- **High tensile strength:** Tensile strength is 3.5 N/tex, meaning the ropes withstand high loads relative to their weight.
- **Low elongation:** DYNEX 75 ropes have an elongation of only 3.7%, ensuring minimal stretch in use.
- **Excellent chemical resistance:** The ropes resist a wide range of chemicals and UV radiation, extending their service life in demanding conditions.
- **High melting point:** The melting point is 144–152 °C, allowing use at high temperatures.

Technical data:

Diameter (mm)	Weight (kg/100 m)	Breaking strength (tonnes)
3	0,58	1,0
4	1,10	2,0
5	1,61	3,5
6	2,30	4,2
8	3,80	6,7
10	6,10	10,7
12	9,30	16,4
14	12,5	21,8
16	16,0	27,4
18	20,7	35,0
20	25,2	41,9

The ropes are treated with a Duracoat coating that improves wear resistance and extends service life. Splicing reduces breaking strength by about 10%.

Applications:

- **Offshore and marine industry:** The light, durable construction makes the ropes ideal for demanding marine conditions.
- **Cranes and winches:** High tensile strength and low elongation ensure precise and safe lifting.
- **Sailing and boating:** The light, buoyant material is well suited to sailing ropes.

DYNEX fibre ropes offer an excellent combination of lightness, durability and performance, making them a reliable choice for many purposes.