# DynaOne® HS GeoBend

Superyacht

**Over the bend! Dyneema®-strength with up to 20 times longer service life under alternating bending loads. THE textile davit rope!**

### Performance

Wire rope-like strength and elongation properties at one tenth of the weight.

### Bending fatigue resistance

Outstanding service life in use as a running rope in rope sheaves.

### Compatibility

DNV certified davit rope for manned tender boats in direct replacement of wire ropes with increased safety factor.

Dyneema® fibre from bio-circular feedstocks

**Nominal diameter**

10.00 - 28.00 mm

**Construction**

**Colors**

Gleistein

More than Ropes.

# Technical data

Elongation at 10% of the breaking load: 0.60 %

| Nominal diameter [inch] | Weight [lbs/100 ft] | Spliced break load [lbf] | Linear break load [lbf] |
|---|---|---|---|
| 13/32 | 3.90 | 21,581.66 | 23,980.37 |
| 1/2 | 6.92 | 37,093.48 | 41,214.22 |
| 9/16 | 9.88 | 51,256.44 | 56,950.85 |
| 5/8 | 12.77 | 60,698.41 | 67,442.68 |
| 3/4 | 15.99 | 83,179.31 | 92,421.20 |
| 13/16 | 19.55 | 95,543.80 | 106,159.28 |
| 7/8 | 23.25 | 112,404.47 | 124,894.86 |
| 1 | 27.48 | 128,141.10 | 142,378.25 |
| 1 1/8 | 35.68 | 160,738.39 | 178,597.22 |