# GeoSquare® Polyester

Defence

**Ruggedness squared: Highly abrasion-resistant and durable.**

### Extremely durable

Robust and long-lasting without hardening; excellent UV resistance.

### Simply reliable

Grippy GeoSquare® construction, torsion-free, easy to splice and providing secure grip on polished bollards.

### Universal

Excellent mooring line, also suitable as anchor warp due to its favourable catenary curve in water.

| Nominal diameter | Construction |
| --- | --- |
| 24.00 - 96.00 mm | |

Gleistein

More than Ropes.

# Technical data

Elongation at 10% of the breaking load: 2.50 %

| Nominal diameter [mm] | Weight [kg/100 m] | Spliced break load [kN] | Linear break load [kN] |
|---|---|---|---|
| 24.00 | 43.70 | 110.00 | 122.22 |
| 26.00 | 51.20 | 122.00 | 135.56 |
| 28.00 | 59.40 | 140.00 | 155.56 |
| 30.00 | 68.20 | 159.00 | 176.67 |
| 32.00 | 77.60 | 180.00 | 200.00 |
| 36.00 | 98.20 | 226.00 | 251.11 |
| 40.00 | 121.00 | 275.00 | 305.56 |
| 44.00 | 147.00 | 350.00 | 388.89 |
| 48.00 | 175.00 | 430.00 | 477.78 |
| 52.00 | 205.00 | 518.00 | 575.56 |
| 56.00 | 238.00 | 602.00 | 668.89 |
| 60.00 | 273.00 | 685.00 | 761.11 |
| 64.00 | 310.00 | 778.00 | 864.44 |
| 68.00 | 351.00 | 878.00 | 975.56 |
| 72.00 | 393.00 | 975.00 | 1,083.33 |
| 80.00 | 485.00 | 1,193.00 | 1,325.56 |
| 88.00 | 587.00 | 1,432.00 | 1,591.11 |
| 96.00 | 699.00 | 1,691.00 | 1,878.89 |