

GeoSquare Power50

Six of one and a half dozen of the other. Special strand construction for outstanding strength and high abrasion and UV resistance at a very attractive price.



Breaking Loads and Weights

Ø [mm]	Elongation at 10% of break load			Break length [km]***
	kg/100 m	Bl. real [kN]*	Bl. linear [kN]**	
40	98	333	366.3	33.3
44	118	398	437.8	33.1
48	140	468	514.8	32.8
52	164	543	597.3	32.4
56	191	632	695.2	32.4
60	219	717	788.7	32.1
64	249	810	891	31.9
68	283	911	1002.1	31.5
72	317	1012	1113.2	31.3
80	392	1247	1371.7	31.2
88	474	1490	1639	30.8
96	563	1758	1933.8	30.6

* Spliced break load

** Break load in accordance with DIN EN ISO 2307

*** Break length in spliced condition



- Manufactured to company norm
- 8-strand square plait (4x2) with a two-layer strand construction in which the inner polyolefin yarns are completely enclosed by the outer polyester yarns
- Share of each fibre type is 50%
- Geolan impregnation for improved protection against abrasion and higher tenacity
- Good shock absorption properties
- Excellent UV resistance and high abrasion resistance
- Does not float
- OCIMF-conforming mooring line for tankers

Load / Elongation curve

