



G&B ROPES

DATA SHEET

Mistral 99 – High Performance Double Braid

Mistral 99, built on the AR99 core, yielding a line that is 20% stronger than Mistral 78. M99 is designed for Ultra high-performance where strength to weight savings is crucial. With advanced fiber technology and controlled braiding, it offers minimal stretch, strong abrasion resistance, and dependable handling for critical running rigging and control systems.

Key Features

- 20% stronger filament coated AR99
- Best strength-to-weight ratio
- Very low elongation for precise control
- Excellent abrasion resistance
- Balanced double braid for consistent performance
- Low water absorption
- Can be tapered and spliced



Construction

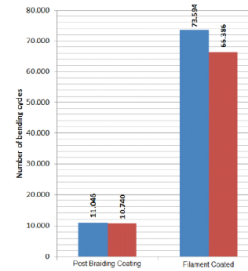
- Braid Type: Double braid / Performance braid
- Core: Filament Coated Dyneema® SK99 (6x Better)
- Cover: 100% High Tenacity Polyester

Typical Applications

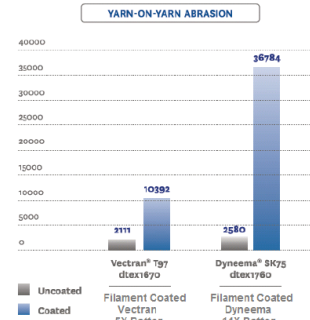
- Halyards and Sheets
- Running rigging for performance sailing
- High-load control lines
- Performance racing systems

Diameter (mm)	Weight (lbs/100 ft)	Breaking Load (lbs)
4	0.85	2,596
5	1.23	3,761
6	1.62	5,390
7	2.12	7,265
8	2.61	9,141
9.5	3.97	14,052
11	5.10	16,123
12.5	6.23	18,194

Testing Data for Filament Coated Line



Bend Fatigue Test: Bend cycles of the filament coated line vs. the post-braiding coated line was over 6X better.



Yarn-on-Yarn abrasion Test: Filament coated Dyneema was 14x better than uncoated and 5x better with Vectran.

