Polyester Braided Netting

Braided Knotted with Polyester Material

Polyester Braided Netting is specially developed for beam trawling applications where dimensional stability and low elongation are critical performance requirements. Manufactured from high-tenacity polyester fibers and treated with specialized finishing processes, this netting delivers excellent stiffness, shape retention, and operational reliability. Its superior structural characteristics help maintain optimal net geometry, resulting in improved fishing efficiency and longer service life.

Material Excellence

Polyester Braided Netting is manufactured using premium-grade high-tenacity polyester yarns selected for their exceptional mechanical properties. Polyester fibers are renowned for their low stretch, excellent dimensional stability, and outstanding resistance to environmental conditions. The material exhibits excellent resistance to UV exposure, moisture absorption, and chemical degradation. Specialized treatment processes further enhance abrasion resistance and durability. The fiber structure maintains its performance characteristics even during prolonged exposure to harsh marine environments. Consistent yarn quality ensures uniform strength and reliable performance throughout the netting structure

Key Material Advantage

- 100 % polyester material
- Fully recyclable and eco-friendly

Free from mixed-material contamination.

Superior Structural Design

The advanced braided construction is engineered to maximize stability and load distribution. The structure maintains mesh integrity even under heavy operational loads. Specialized treatment processes improve stiffness and structural retention. The braided design minimizes deformation and ensures consistent fishing performance. Enhanced mesh stability contributes to better net opening and seabed contact control. The optimized structure supports efficient operation in beam trawling applications where precision and durability are essential.

Low Stretch Design

Longer Service Life

Consistent Performance

Abrasion Resistant

Nominal Dia. (mm)	Runnage (m/kg)	Twine Breaking Strength (kgf)	Knot Breaking Strength (kgf)
2.0	500	70	75
2.5	340	160	165
3.0	250	185	185
3.3	215	225	230
3.5	190	245	250
4.0	170	265	270
4.1	140	300	305
4.25	125	350	355
4.5	100	425	430
5.0	85	480	500
5.5	62	600	605
6.0	50	730	735
6.5	40	925	930
7.0	35	1220	1225
8.0	30	1365	1370
8.5	29	1390	1395

Design Benefits

- Low-Stretch Design
- Longer service life
- Consistent performance

Key features

- High-tenacity polyester construction
- Low elongation characteristics
- Excellent dimensional stability
- Beam trawl optimized design
- Superior abrasion resistance
- UV resistant fibers
- Enhanced stiffness properties
- Improved mesh retention
- Long operational life
- Reduced maintenance requirements
- Reliable fishing performance
- Marine-grade durability

CORTLAND INTERNATIONAL™