

AQUA FLOAT BRAIDED NETTING

BRAIDED KNOTTED WITH HMPE MATERIAL

Aqua Float Braided Netting is a premium fishing netting solution manufactured from high-performance HMPE fibers. Designed specifically for shrimp fishing applications, it combines exceptional strength, ultra-lightweight construction, and natural buoyancy. The floating characteristics of the net improve fishing efficiency and help maximize catch potential while reducing operational effort and fuel consumption.

Material Excellence

Aqua Float Braided Netting is produced using HMPE fibers, one of the strongest synthetic materials available in the fishing industry. HMPE offers exceptional tensile strength while remaining significantly lighter than traditional netting materials. The fiber exhibits excellent resistance to abrasion, fatigue, moisture, and chemical exposure. Its inherent buoyancy provides additional operational advantages in shrimp fishing applications. Advanced manufacturing processes ensure consistent fiber quality and reliable long-term performance under demanding marine conditions.

Key Material Advantage

- 100 % HMPE Material
- Fully recyclable and eco-friendly
- Free from mixed-material contamination

Superior Structural Design

The advanced braided structure is optimized to maximize the benefits of HMPE fibers. Precision braiding techniques ensure uniform load distribution and structural stability. The floating design helps maintain effective net geometry during fishing operations. Enhanced mesh retention improves fishing performance and consistency. The lightweight



UV
Resistant



Floating
Construction



Longer
Service Life



Consistent
Performance



High
Strength



Low Water
Resistance



Abrasion
Resistant

Nominal Dia. (mm)	Runnage (m/kg)	Twine Breaking Strength (kgf)	Knot Breaking Strength (kgf)
1.25	1371	125	120
1.75	672	255	216
2.10	442	236	310
2.50	328	466	440

structure reduces hydrodynamic resistance while maintaining exceptional durability. The design is engineered to withstand demanding shrimp fishing conditions and repeated operational cycles.

Design Benefits:

- Floating construction
- Longer service life
- Consistent performance

Key features

- Premium HMPE construction
- Ultra-high strength-to-weight ratio
- Naturally buoyant fibers
- Floating braided structure
- Excellent abrasion resistance
- Lightweight handling
- Reduced fuel consumption
- Enhanced catch efficiency
- Long operational life
- Low maintenance requirements
- Superior fatigue resistance
- Shrimp fishing optimized