

500 DENIER REGULAR TWISTED NETTING

TWISTED KNOTTED WITH HDPE MATERIAL

500 Denier Regular Twisted Netting is designed for commercial fishing operations requiring enhanced strength and durability. Manufactured from premium 500 denier yarns, this netting offers improved load-bearing capability and resistance to operational wear. It is widely used in shrimp fishing and small-to-medium vessel trawling applications where dependable performance is essential.

Material Excellence

Manufactured from high-strength 500 denier synthetic yarns, the netting provides excellent durability and structural reliability. Premium raw materials ensure consistent yarn quality and mechanical performance. The material is engineered to withstand repeated operational stresses and challenging marine environments. Its balanced composition delivers both strength and flexibility for effective fishing operations. The manufacturing process maintains strict quality standards to ensure dependable long-term performance.

Key Material Advantage

- 100% HDPE composition
- Improved abrasion resistance
- Free from mixed-material contamination

Superior Structural Design

The twisted construction is engineered to maximize strength and durability while maintaining flexibility. Uniform twist formation improves knot stability and structural integrity. Enhanced load distribution reduces localized stress and wear. The design supports consistent mesh performance under varying operational conditions. Improved durability helps maintain net effectiveness throughout its service life. The structure provides a reliable balance of strength and handling characteristics.



High Strength



Improved Structural Integrity



Low Maintenance



Recyclable Material

Construction	Runnage (m/kg)	Breaking Strength (kgf)	Knot Breaking Strength (kgf)
500DEN / 6PLY	2700	15.3	20
500DEN / 9PLY	2025	21.6	25
500DEN / 12PLY	1350	28.8	39
500DEN / 15PLY	1080	36	48.6
500DEN / 18PLY	900	43.2	54.7
500DEN / 21PLY	780	50.4	68
500DEN / 24PLY	670	57.6	73
500DEN / 27PLY	595	64.8	76
500DEN / 30PLY	558	69.3	86
500DEN / 36PLY	446	86.4	102.8
500DEN / 39PLY	425	90	112
500DEN / 42PLY	395	95	115
500DEN / 45PLY	368	103.5	130
500DEN / 48PLY	344	110	135
500DEN / 60PLY	265	135	190
500DEN / 72PLY	220	166.5	205
500DEN / 84PLY	190	193.5	240
500DEN / 90PLY	175	202.5	280
500DEN / 120PLY	130	270	345
500DEN / 150PLY	105	300	370

Design Benefits

- Higher Strength.
- Improved structural integrity.
- lower operating expenses and downtime.

Key Features

- Excellent abrasion resistance
- Suitable for commercial trawling
- Reliable mesh stability
- Cost-effective durability

Application

- Bottom trawling, crab pots and lobster traps