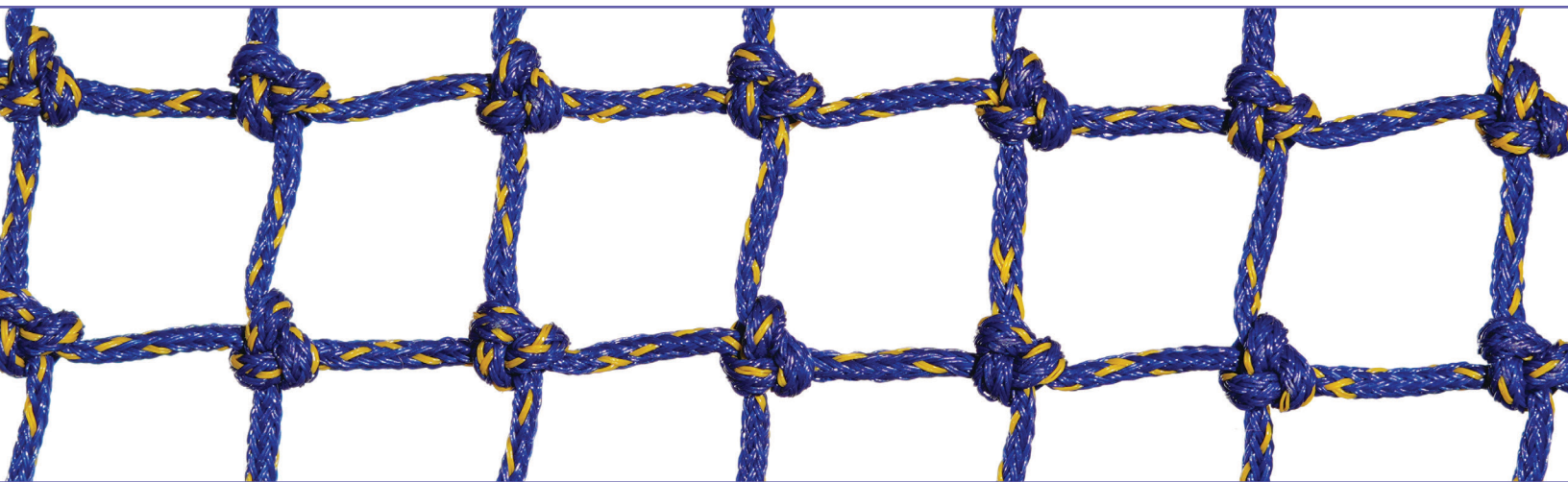




AQUAMARINE® ULTRA

KNOTTED POLYESTER WITH STAINLESS-STEEL REINFORCEMENT

Aquamarine® Ultra is a next generation braided knotted construction specifically engineered for aquaculture cage systems operating in harsh and predator prone environments. Designed with a sophisticated multi component reinforced core, Aquamarine Ultra delivers exceptional cut resistance, mesh stiffness, and long term structural stability where conventional netting solutions are unable to perform.

Advanced Multi Material Construction

Aquamarine Ultra is manufactured using a high performance HDPE monofilament outer cover, combined with an advanced reinforced core consisting of:

- HDPE monofilament
- Wax infused polyester yarn
- Marine grade stainless steel wire

Superior Structural Performance

The braided knotted design ensures compact and uniform mesh formation, resulting in enhanced load distribution and dimensional stability. The reinforced core significantly improves mesh stiffness and overall net rigidity, delivering excellent resistance to deformation under currents, impacts, and operational loads.

Key Performance Benefits

- Outstanding cut resistance & predator protection
- High mesh stiffness & structural stability
- Improved wet abrasion resistance
- Minimal sea debris penetration
- Better wall formation
- Sinking nature, reduce lead rope use
- Better axial and lateral stiffness in net
- Applicable for smolt and grow out cages



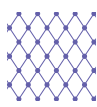
Predator Protection



Cut Resistance



Better Abrasion Resistance



Structurally Stable



Improved Mesh Stiffness



Sinking Nature

Twine Size (mm)	Runnage (m/kg)	MBS (kgf) (±5%)	Cut Resistance (kgf)	Specific Gravity
1.8	355	95	6.5	1.07
2.1	280	117	7.8	
2.4	245	136	9.7	
2.5	220	151	9.8	
2.7	185	180	10.2	
3.1	150	220	11.1	
3.4	130	250	11.5	
3.8	105	300	13.4	
4.2	85	350	15.2	
4.8	70	400	16.5	
5	60	535	18.4	
5.5	47	650	19.2	
6	40	730	19.5	