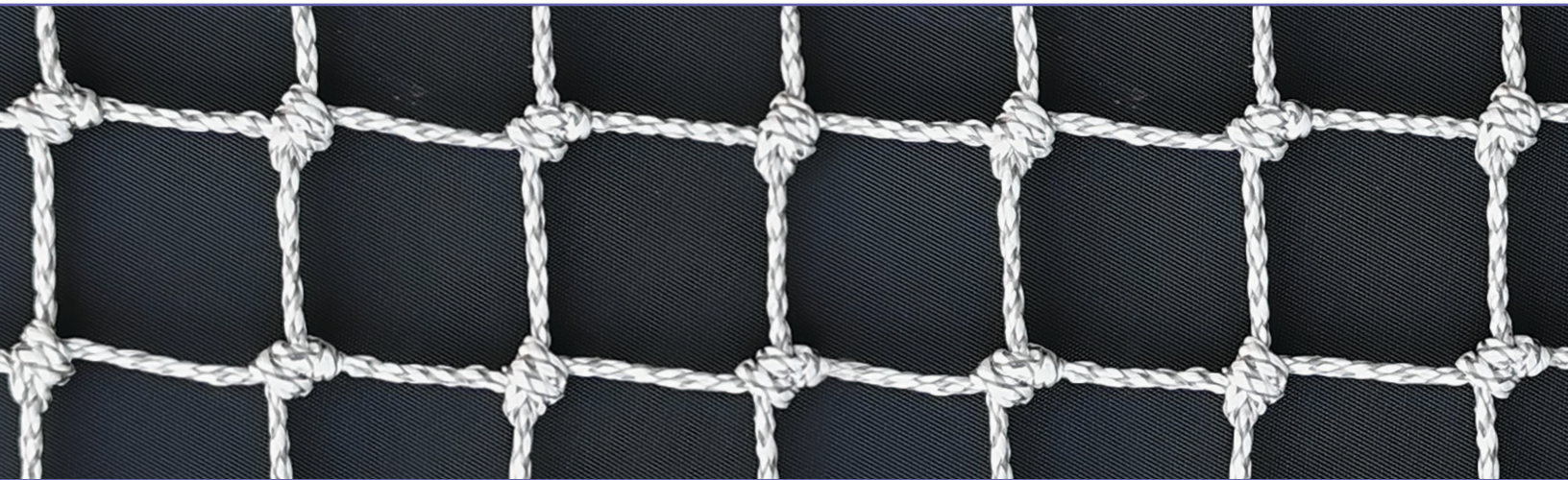




AQUASUPREME SUSTAINABLE

Knotted HMPE & HDPE with HMPE & HDPE Core

Aquasupreme Sustainable is an advanced braided knotted netting designed for demanding applications such as aquaculture and fisheries netting. This intellectual property-protected product features a multi-component reinforced core that provides an exceptional strength-to-weight ratio, strong cut resistance, flexible in nature, long-term dimensional stability, and UV protection areas where conventional netting often underperforms.

Construction

Aquasupreme Sustainable is manufactured using a high-performance engineered HMPE and HDPE monofilament outer cover, combined with an advanced reinforced core made of HDPE and HMPE. The netting is produced with double knots, ensuring firm knot fixation and providing enhanced mesh structural robustness. This hybrid construction provides high mechanical strength while maintaining flexibility and durability in service.

Structural Performance

The braided knotted design forms a compact, uniform mesh that improves load distribution and dimensional stability. The reinforced core helps to dimensional stability enhancing resistance to deformation under impact and operational loads.

Key Performance Benefits

- High strength to weight ratio
- Excellent cut resistance
- Resilience in nature
- Excellent for fencing application
- Excellent impact resistance
- 5-year UV protection
- Twine diameter range-1.3-5mm mesh BS -100-500kgf
- Recyclable in nature



Recyclable



Cut Resistance



Better Abrasion Resistance



Structurally Stable



Sinking Nature

Twine Size (mm)	Runnage (m/kg)	MBS (kgf) ±5%	Cut Resistance (kgf)	Specific Gravity
1.5	600	96	6.7	0.96
1.6	555	117	7.4	
1.7	510	136	7.8	
1.9	430	151	8.8	
2	370	171	9	
2.1	352	200	10.1	
3	185	300	14	