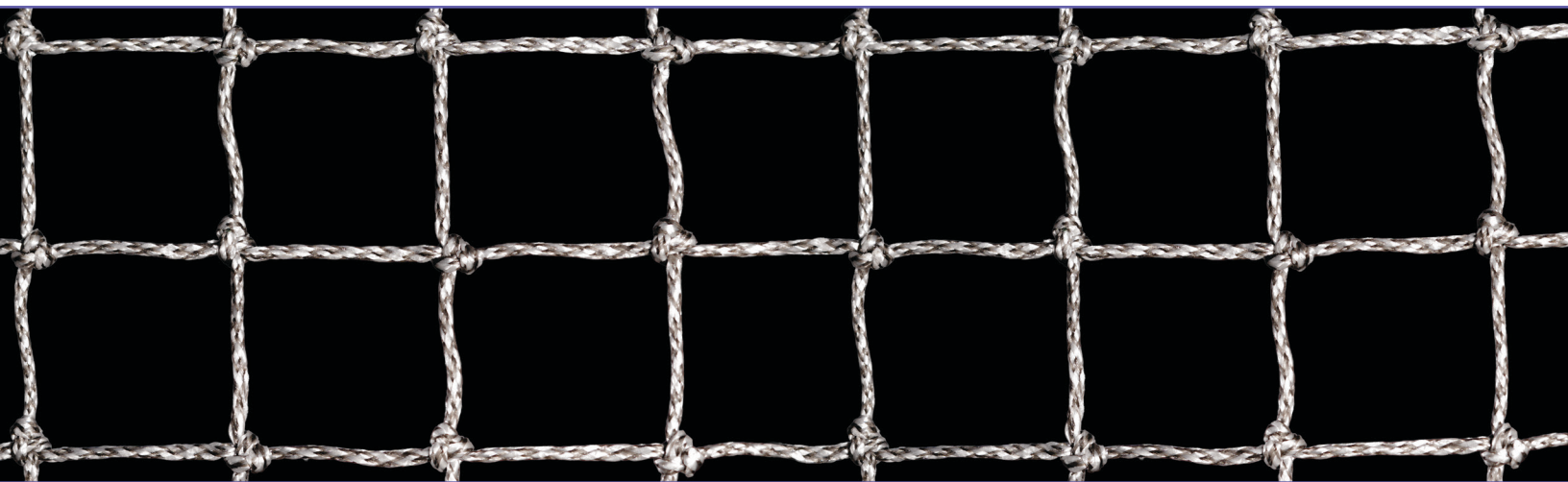




AQUASUPREME

KNOTTED HMPE & HDPE WITH POLYESTER & STAINLESS-STEEL CORE

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

Construction

Aquasupreme is manufactured with a high-performance engineered HMPE and HDPE monofilament/tape outer cover combined with an advanced reinforced core consisting of polyester cord, stainless steel wire. 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 increases mesh stiffness and overall net rigidity, enhancing resistance to deformation under impact and operational loads.

Key Performance Benefits

- High strength to weight ratio
- Excellent cut resistance
- Semi rigid in nature
- Excellent lateral and axial stiffness
- Excellent for fencing application
- Good impact resistance
- 5-year UV protection
- Better abrasion resistance
- Twine diameter range-1.5-5mm mesh BS -100-600kgf

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
1.5	510	96	7	1.07
1.6	450	117	9	
1.7	420	136	10	
1.9	370	151	11	
2	340	171	16	
2.1	320	200	19	
2.4	200	250	20	
2.6	170	300	22	
4.2	95	450	24	
4.8	80	500	26	
5	65	600	30	