



## PRODUCT SPECIFICATION/ DATA SHEET

### Item:

## 6ply High Density Square Mesh Netting

### Options Available:

- Mesh Sizes: 19mm
- Bundle Size: 10m x 10m, 20m x 10m, 20m x 20m, 25m x 15m, 40m x 20m, 50m x 15m, 100m x 10m, 100m x 15m, 100m x 20m
- Colour: Black, Stone & White
- Construction: Knotted Square

### General Information:

Our 6Ply High Density Polyethylene Knotted Netting is a 1st Grade, light weight, high strength netting suitable for permanent Bird Control installations. The 6/ Strand & Black colour design ensures the netting is unobtrusive, and the high GSM ensures the netting is designed to last, even in trying environmental conditions.

This netting is simple and efficient to work with. Being a square mesh design, it can significantly reduce installation times and labor costs. This netting won't pull or stretch in either direction, which allows for precise installations in warehouses and factories. It's hard wearing properties also make this netting an ideal choice for use as a permanent orchard Cover.

### Applications:

#### Sporting

- Warehouse / Factory Bird Control
- Commercial Bird Netting Application
- Building rooftop stone access prevention for birds
- Domestic Sheds and Verandah bird control netting
- Commercial Installation for Orchard Bird Protection

#### Other

- Barrier netting
- General Purpose

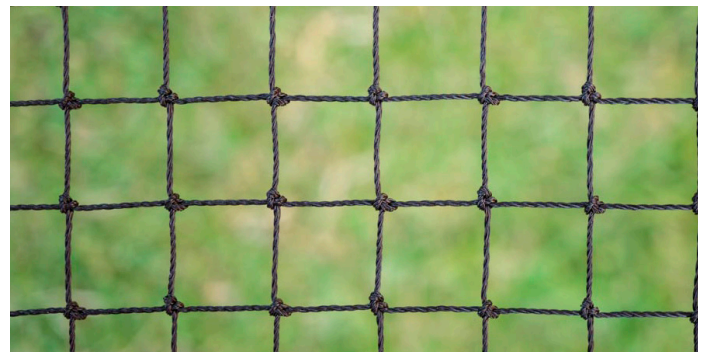
### Technical Specifications:

- **Manufacturer:** 500denier / 6ply High Density Polyethylene
- **Mesh Size:** 19mm x 19mm
- **Twine Thickness:** 1.0mm
- **Twine Breaking Strength:** 15.3 KGF
- **Knot Breaking Strength:** 20.0 kgf
- **GSM (Grams Per Square Metre):** 54

Note: These do not relate to the overall weight capacity of the net, and are indicative of individual strands only.

### Key Performance Specifications:

- UV Stabilised (see results below)
- Square Mesh Design
- Knotted / Twisted Construction
- Rope marker ties in corners of net for quick and simple unpacking & identification
- Effective, Durable, Discreet, Immediate Bird Control
- HDPE will not absorb water, therefore not changing the properties of the netting during inclement weather.



The square mesh design also allows for the provision of Zipper installation into the netting. Many commercial and industrial bird proofing installations require Zipper access to Lighting and electrical equipment.

### Related Information:

Bulk and Wholesale inquiries are welcomed on this range of product. Our Quatra branded 6ply HDPE square Mesh Knotted net is a leading product for specification into tenders and construction designs throughout Australia and New Zealand.

As testament to the reliability and quality, this netting is the selected product of over 25 prominent professional Bird Proofing Installers, resellers and organisations throughout Australia.

### UV Test Results:

#### Netting Specification:

- **Manufacturer:** 500 Denier / 6ply HDPE
- **Colour:** Black
- **Mesh Size:** 19mm x 19mm
- **Testing Method:** QUV ACCELERATED WEATHERING TESTER | IS 16008:Part2

#### Results:

- 1.5 years Equivalent to outdoor Exposure: 97% Strength maintained
- 3 years Equivalent to outdoor Exposure: 94% Strength maintained
- 10 years Equivalent to outdoor Exposure: 80% Strength maintained

#### Notes on UV testing

The QUV accelerated weathering tester reproduces the damage caused by sunlight, rain and dew. In a short period of time, the QUV UV tester can reproduce the damage that occurs over months or years outdoors. To simulate outdoor weathering, the QUV accelerated tester exposes materials to alternating cycles of UV light and moisture at controlled, elevated temperatures. It simulates the effects of sunlight using special fluorescent UV lamps. It simulates dew and rain with condensing humidity and/or water spray. With thousands of testers in use worldwide, it is the world's most widely used weathering tester. UV light is responsible for almost all photo degradation of durable materials exposed outdoors. The QUV tester's fluorescent lamps simulate the critical short-wave UV and realistically reproduce the physical property damage caused by sunlight. Types of damage include color change, gloss loss, chalking, cracking, crazing, hazing, blistering, embrittlement, strength loss and oxidation.