



AvePro Netting Specifications

AvePro square knotted (HDPE) netting is supplied in three grades – AvePro Standard, Heavy-Duty and Deluxe.

AvePro Standard Net

Offers a light weight, aesthetically pleasing option for undercover canopies. For example, an AvePro

Standard 25m x 15m net weighs approx.: 20kg (or approx. 533g/m²). 10-year warranty undercover and 5-year warranty in exposed situations (direct sunlight and wind).

AvePro Heavy-Duty Net

This option is a heavier, stronger net for the Australia outdoors for exposed full sun and windy areas. 50m x 10m net weighs approx.: 42kg (or approx. 840g/m²). 10-year warranty for both undercover and exposed areas.

AvePro Deluxe Net

This option is a combination of the above netting attributes – lighter, yet stronger. With greater number of twists per aperture, the AvePro Deluxe has our highest UV stability additive (0.8% of weight as opposed to 0.2% in the AvePro Standard and Heavy-Duty) to ensure the longevity required under Australia's harsh UV intensity. AvePro Deluxe 25m x 15m net weighs approx.: 25kg (or approx. 666g/m²). 10-year warranty for both undercover and exposed areas.

AVEPRO Net is manufactured for Pest IT Pty Ltd from ultra-violet stabilized strands of high density polyethylene plastic in a variety of colours. Installation hardware is available in both galvanized and stainless-steel options.

Material:

AVEPRO net is made from ultra-violet stabilized (HDPE) polyethylene in AvePro standard (6 ply). Three groups of two strands are twisted into a tight, rope-like group of six. A heavier AvePro Heavy-Duty (9 ply).

Breaking Strength:

22.7Kg per strand (29.71Kg for the Heavy-Duty version)



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Mesh Size:

AVEPRO Net is available in two standard mesh sizes - 19mm or 3/4" (Standard and Heavy-Duty) and 50mm or 1/2"

(Standard version only). Other sizes are available on request. AVEPRO Net is an effective exclusion system against all

bird species – for small birds such as sparrows, swallows, starlings, mynas and other small pest birds use 19mm

AVEPRO Net and for pigeons, seagulls, crows, ravens and other larger pest birds use 50mm AVEPRO Net.

Net sizes:

AVEPRO Standard Net is available in 19mm - 10m x 10m, 10m x 20m, 20m x 20m and 25m x 15m, with custom sizes available on request.

AVEPRO Standard Net is available in 50mm - 10m x 10m, 10m x 20m and 20m x 20m.

AVEPRO Heavy Duty Net is available in 19mm - 25m x 1.2m (black), 75m x 1.8m (black and stone), 100m x 2.6m (black), 100m x 3m (black and stone), 100m x 5m (black), 50m x 10m (black, stone and white). More sizes to be added during 2014.

Net colours:

The AVEPRO Standard Net colour is Black, with white and stone (beige) available on request.

AVEPRO Heavy Duty Net is available in black, stone and white.

AVEPRO Net Thermal Properties:

Softening Point: approx. 120o Celsius.

Melting Point: approx. 120o Celsius for an extended period. Burns with difficulty, flame will not spread. Maybe heated for short periods up to 315o Celsius.

Low Temperature: Retains its flexibility at very low temperatures and does not become rigid under freezing conditions.

AVEPRO "Flame-Free" Net specifications available on request.

AVEPRO Net chemical properties:

High density polyethylene, being a paraffin hydrocarbon, is inherently chemically inert and is highly resistant to a wide range of chemicals at ordinary temperatures. It does not rot and does not absorb water. Polyethylene fibres have a high resistance to acids and alkaloids of all concentrations. They are insoluble in most common organic solvents at room temperature.



AVEPRO Net electrical properties:

Polyethylene is an outstanding electrical insulator, especially to high frequency currents.

Effects of Insects and Micro-organisms:

The fibres are not digested by insects and are completely resistant to bacteria, mildew and other micro-organisms. This makes AVEPRO Net virtually rot-proof.

Technical support:

The AVEPRO team is available for wholesale materials supply, advice, site evaluation, design assistance, training and consulting. Should you require an installation, please ask us for assistance and we can place you in touch with one of our many accredited and independent installation clients Australia and New Zealand. To send plans or make contact

Inspection:

We recommend that all AVEPRO netted areas are inspected annually to report on physical damage, vandalism, debris (leaves, spider web, dust, etc), changes to the building and changes to original bird behaviour and local bird species. Visually inspect AVEPRO Net for appropriate adherence to mounting surfaces, or other problems related to the installation or surface preparation. Repair or modify as necessary immediately.

Maintenance:

When installed correctly, AVEPRO requires minimal maintenance. However physical damage, forklifts, delivery vehicles, cyclones, wind events and vandals may damage the net and allow bird entry.

Specification service:

We can assist building managers, architects, facilities managers and installers with netting design, assistance, advice and support – contact us on 1300 665 657 for details.

For details see www.AVEPRO.com.au or call 1300 665 657