

## SPORTS & SECURITY FENCING SERVICES

### BALL CATCH NETTING SYSTEMS

We provide a range of ball catch netting solutions to suit the needs of the Sports marketplace. Netting systems can be stand-alone or attached to existing fences/structures to extend their effective height. Netting is commonly used at goal ends of sports pitches. However it can be installed at any location, including covering the entire facility with a self-supporting net roof.



The netting is attached to a series of taught horizontal linewires. Linewires are strained between braced end straining posts. Between end straining posts the linewires and netting are attached to intermediate posts. Posts are constructed from galvanised steel sections, and are set into large concrete foundations below ground level.

**Netting:** UV resistant, knotted, high-tenacity, poly-prop/ethylene sports netting, with outer over-locked edge seams, and intermediate horizontal seams at each linewire position. Net aperture (squares) vary in size depending upon sport/usage (see below). Netting generally black in colour, although other primary colours are available.



| Sport      | Ball Diameter | Net Size  |
|------------|---------------|-----------|
| Golf       | 43 mm         | 28 x 28   |
| Tennis     | 64 mm         | 50 x 50   |
| Hockey     | 71 mm         | 50 x 50   |
| Cricket    | 72 mm         | 50 x 50   |
| Baseball   | 73 mm         | 50 x 50   |
| Football   | 218 mm        | 125 x 125 |
| Netball    | 220 mm        | 125 x 125 |
| Basketball | 239 mm        | 125 x 125 |
| Rugby      | 280-180 mm    | 125 x 125 |



**Linewires:** 3.15 mm diameter galvanised high-tensile linewire at (max) 2 metre vertical intervals. Linewires tied to seams sewn into the netting.

**Attachment:** Netting attached to linewires using 5 mm UV-resistant Cable Ties at (max.) 200 mm intervals. Removable net systems use M6 x 60 mm sprung carbine hooks.

**Support Posts:** Galvanised steel sections as indicated in the table below.



| Net Height (m) | Intermediate Post Section (mm) | Post Spacing (m) |
|----------------|--------------------------------|------------------|
| 2.0            | 60 x 40                        | 3                |
| 3.0            | 80 x 40                        | 3                |
| 4.0            | 80 x 40                        | 4                |
| 5.0            | 100 x 50                       | 5                |
| 6.0            | 120 x 60                       | 6                |
| 8.0            | 120 x 80                       | 8                |
| 10.0           | 150 x 100                      | 10               |

- The purpose of ball-catch netting is to absorb ball impact, not to act as a windbreak nor fixed rigid barrier. Consequently our nets are manufactured over-size in height and width with a deliberate sag so as to enable deformation to absorb ball impact.
- Other net heights and configurations are available upon request.
- Ball dimensions are for guidance only (and represent the smallest likely size) as diameters vary according to supplier, inflation and skill level.

