

## 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, although it can be installed at any location, including covering the entire facility with a self-supporting net roof or to sub-divide a larger pitch area.



The netting is attached to a series of taught horizontal linewires. Linewires are strained between braced straining posts. Between straining posts the linewires and netting are attached to intermediate posts. Posts are constructed from robust steel sections, and are set into large concrete foundations below ground level. The posts and supporting concrete foundations are fully designed to take account of the particular wind-loading and ground conditions at their intended location.

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	120 x 120
Netball	220 mm	120 x 120
Basketball	239 mm	120 x 120
Rugby	280-180 mm	120 x 120



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

Support Posts: Galvanised steel rectangular hollow sections. Post section design is dependent upon the density of the netting and the post spacings, and are generally as 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.

