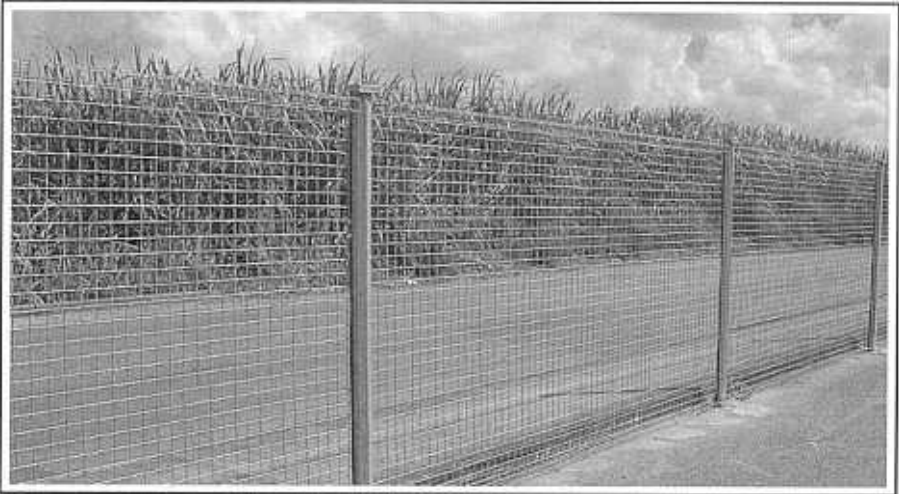


# BRC

## GALVANIZED WELDMESH FOR SECURITY FENCING



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# WELDMESH

Weldmesh is a welded steel wire mesh manufactured from bright drawn wire, electrically welded at the intersections. Because it is welded it can be cut or bent to the shape required without the wires falling apart and forms its own selvage when cut flush. Weldmesh is manufactured in flat sheets with squares 50mm x 50mm and 75mm x 75mm and, wire diameters of 25mm and 4.0mm. The physical properties of the wires used are rigidly controlled to produce a welded mesh which has maximum weld strength combined with ductility.

## WELDS

All intersections are resistance welded without reducing the tensile strength of the wires, and the welds have an average shear strength equal to 80 per cent of the wire strength.

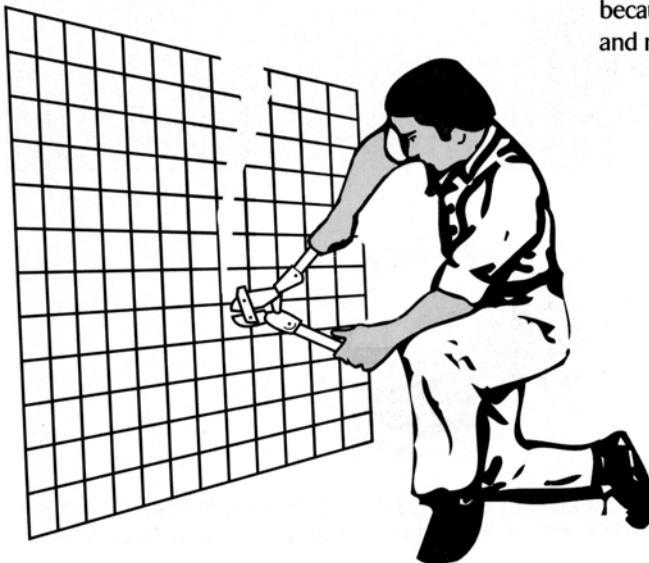
## STANDARD SIZES

Standard sizes of Weldmesh are indicated in the tables on pages 2 & 3.

## FINISH

Where Weldmesh is supplied with a galvanized finish, the zinc coating is to BS443.

Cut to the shape you want.  
Weldmesh holds together  
because it is welded together  
and needs no frame.



## GENERAL USES

Weldmesh has an infinite number of uses, some of the most general applications being:

Machinery and window guards	Shelving	Partitions and enclosures
Ventilator guards	Racking and grills	Balustrades and cat-walks
Tree guards	Safety barriers	Poultry pens and flooring
Fireguards and fan guards	Fencing and gates	Animal pens
Stairways	Security cages	Cages and aviaries
Gabions for river and coastal protection	Trays or stillages for factory and industrial applications	Agricultural and horticultural applications
Filters	Cable trays	Garden protection
Anti-spalling material and mesh for boiler linings	Crates for packing and material handling	Roof bolting and wall lagging
Shaft linings	Pallets	Clothes and storage lockers
Grading screens	Bulkheads and cargo cages	Litter bins
Dewatering screens	Skip and carboy crates	Display work
Fish screens		

*Weldmesh - suitable for all general wire-work purposes.*

## WELDMESH FOR FENCING

Weldmesh is now used extensively for all forms of fencing. The range of available sheet sizes can be seen in Table 1 for galvanized steel Weldmesh and Table 2 for plain steel Weldmesh.



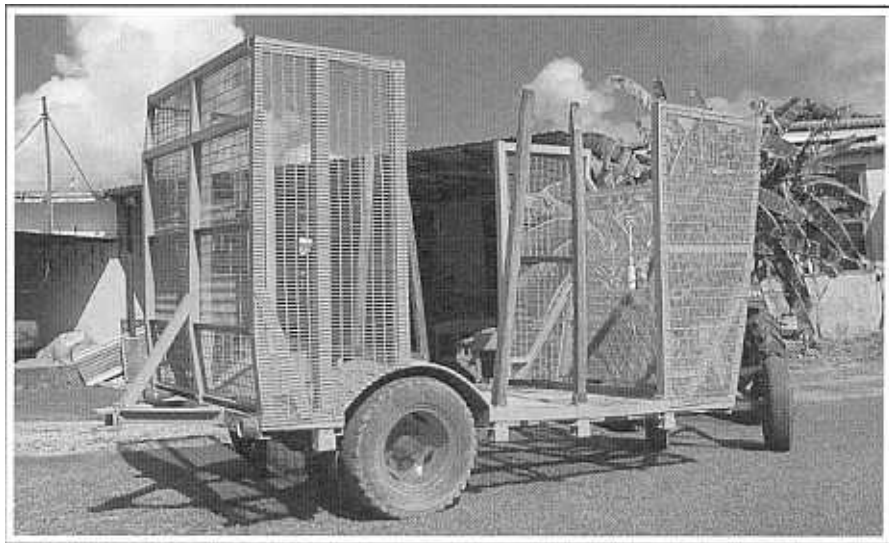
**Table 1. Standard Sizes of Galvanized Weldmesh**

Ref. No.	Size of Mesh	Diameter of Wires		Standard Dimensions (m)	Sheet Weight (kg)	Weight Per Unit Area (kg/m <sup>2</sup> )
		Longitudinal (mm)	Transverse (mm)			
5050 25	50mm x 50mm	25	25	32 x 12	6.08	1.59
5050 25	50mm x 50mm	25	25	32 x 18	9.17	1.59
5050 4	50mm x 50mm	4.0	4.0	32 x 12	15.79	4.09
5050 4	50mm x 50mm	4.0	4.0	32 x 18	23.36	4.09
7575 4	75mm x 75mm	4.0	4.0	32 x 18	16.09	2.76

## PLAIN WELDMESH

The adaptability and strength of BRC Plain Steel Weldmesh mean that it can be relied on to be the best, no matter what the task

Weldmesh can be considered as the “friend of all trades” (Farmers, Handymen, Home Owners, DIY Enthusiasts and more). See the list on page 2 for some possible uses for BRC Weldmesh.



Upon demand from the Sugar Industry - the mesh Ref. 7525 was specially designed for use in Cane Trailer Panels. This mesh, produced from cold reduced high tensile wire, is sufficiently strong to support and retain its load while its spacings allow soil and small stones to be sifted.

BRC Weldmesh Ref. 7525 is recognized throughout the region's sugar industry and is exported to a number of these territories.

**Table 2. Standard Sizes of Plain Weldmesh**

Ref. No.	Size of Mesh	Diameter of Wires		Standard Dimensions (m)	Weight Per Sheet (kg)	Weight Per Unit Area (kg/m <sup>2</sup> )
		Longitudinal (mm)	Transverse (mm)			
7525 4	75mm x 25mm	4.0	4.0	3.675 x 1.8	34.81	5.26
7575 4	75mm x 75mm	4.0	4.0	3.2 x 1.8	15.21	2.64

BRC Plain Steel Weldmesh Ref. 7575 has proved to be a very versatile mesh. Among the more important uses are: Protective Cages and Enclosures for vehicles and machinery, Fencing, Gate Fills and the Reinforcement of thin non-structural slabs (such as concrete countertops, paving slabs, balustrades).