

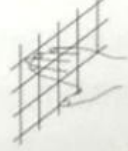
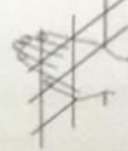




Machinery / Guard Mesh

Advanced Engineering Group Supply Guarding Mesh to all industries to meet Occupational Health & Safety guidelines.

The Following Formula provides an easy method for determining the required gap or mesh openings (aperture) and the distance the guard should be from the hazard.

			
No admittance	No admittance, reach restricted to root of finger	No admittance, reach restricted to root of thumb	No admittance, reach restricted to hand thickness

The aperture and the distance the guard is from the hazard shall ensure that Physical contact with the hazard is not possible.

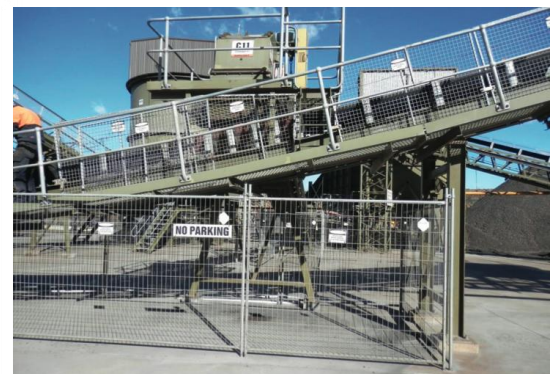
Aperture, wire size and distance from hazard (guideline only)

Guard Type	Aperture	Wire diameter	Distance from hazard
Fixed Enclosure Guard	10mm to 20mm	2.5mm	25mm to 150mm
Fixed Distance Guard	20mm to 50mm	3.0mm	200mm
Fence Guard	50mm x 150mm	4.0mm	1000mm

A Fixed Enclosure Guard is where the machine or moving parts are totally enclosed by the guard and is generally in the form of a steel plate and a mesh inspection point as close as practical to the machine and its moving parts.

A Fixed Distance Guard is where the guard is fixed at a point to prevent any body parts accessing any moving parts. It is generally in the form of a mesh with an aperture size appropriate to the distance from the machine and its moving parts to prevent body part access, i.e. entanglement.

A Fence Guard is a stationary fixed guard generally in the form of mesh which completely surrounds a machine or group of machines restricting access.

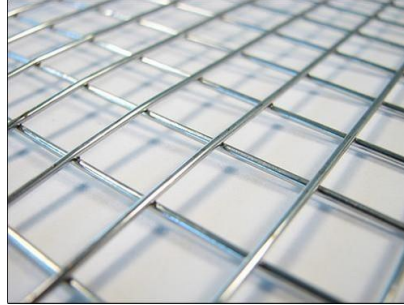


Machinery / Guard Mesh

All mesh supplied in **2400mm x 1200mm** sheets

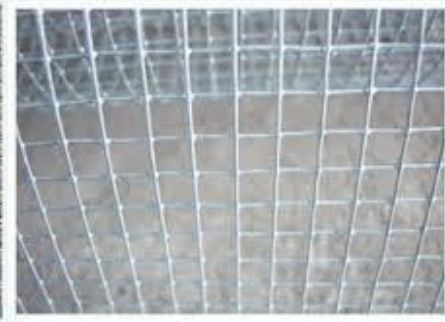
Stainless Steel Welded Mesh (304 & 316)

Reference Code	Aperture (mm) Square & Slot	Wire (mm)
Welded S/S	25.0 x 25.0	3.00
Welded S/S	40.0 x 40.0	3.00
Welded S/S	50.0 x 50.0	3.00
Welded S/S	50.0 x 50.0	4.00
Welded S/S	50.0 x 50.0	5.00
Welded S/S	50.0 x 75.0	5.00
Welded S/S	50.0 x 150	5.00
Welded S/S	100.0 x 100	5.00



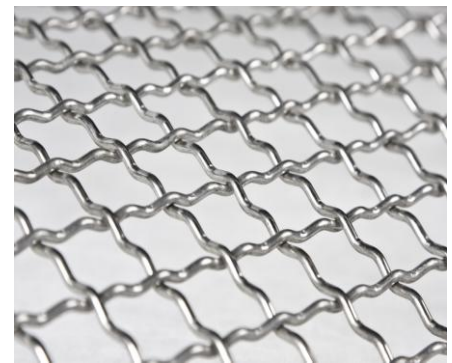
Galvanised Welded Mesh:

Reference Code	Aperture (mm) Square Mesh	Wire (mm)
Welded Galv	25.0 x 25.0	2.25
Welded Galv	50.0 x 50.0	3.15
Welded Galv	100.0 x 100	4.00



Galvanised Woven Wire Mesh:

Reference Code	Aperture (mm) Square Mesh	Wire (mm)
Woven Galv	12.0 x 12.0	2.00
Woven Galv	14.0 x 14.0	2.00
Woven Galv	16.0 x 16.0	3.15
Woven Galv	19.0 x 19.0	5.00
Woven Galv	20.0 x 20.0	4.00
Woven Galv	22.0 x 22.0	5.00
Woven Galv	25.0 x 25.0	3.15
Woven Galv	40.0 x 40.0	4.00
Woven Galv	50.0 x 50.0	5.00



**The overall mesh range we can supply for machine guarding is very extensive,
Please request other options available.**

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