

Plastic Coated Galvanised Mesh is a hexagonal mesh wire netting "reverse twist", galvanised after weaving and coated in blue plastic.

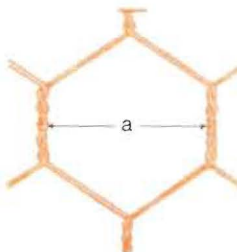
This netting is embedded in the fire protection coating.

Nominal wire diameter (d) is the diameter in mm to designate the wire.

Real wire diameter is the arithmetical mean of the minimum and maximum diameter, measured in the same section of a straight piece of wire by mean of the minimum and maximum diameter.

Nominal mesh size is the distance in mm to designate the mesh.

Real mesh size (a) is the distance in mm between the twists.



Raw material		
Chemical composition of wire rod	Element	%
	C	0.10
	Si	0.30
	Mn	0.50
	P	0.070
	S	0.060
Zinc slabs	Minimum 99.5% of pure zinc	
Plastic coating	Polyvinyl chloride (PVC), turquoise blue in accordance with RAL code 5012 or Munsell code 10 BG 6/6.	

Properties and performance		
Wire diameters and tolerances	Nominal diameter (d)	1.00mm or 1.50mm
	Core diameter	1.00mm ± 0.065mm in accordance with DIN 177
	Final diameter	1.50mm ± 0.10mm in accordance with DIN 3036 T2
Mesh sizes and tolerances	50mm ± 6mm in accordance with DIN 1200. The actual mesh size is the average value of 10 successive mesh openings in the transverse direction of the netting. Actual mesh size in mm = $L/10 - 2d$ "L" being the length in mm of 10 successive meshes in the transverse direction. "d" being the wire diameter in mm.	
Tensile strength (Rm) of the wires	350-500N/mm ²	
Mass of zinc	Minimum mass of zinc is 35g/m ² in accordance with DIN 1200. To be determined by double weighing on a piece of netting of 150mm x 150mm without salvage and to be expressed in g/m ² of the wire surface.	
PVC coating	Homogeneous coating free from uncoated spots.	