

Fencing in electro-welded zinc and plastic coated wire with square-shaped mesh.

The vertical and horizontal wires of the electro-welded mesh are both linear and made in zinc coated steel. Plastic coating is obtained through the exclusive sintering process "**Galvaplex Process**" created by Cavatorta. Its performance is guaranteed for over 10 years if used in recommended areas. **Esaplast 4x4** fencing mesh is supplied in rolls of **25 m** on pallets wrapped in recyclable polyethylene film.

mesh size mm	H cm	L cm	roll kg each	kg/m² each	roll/pallet n°	pallet kg each	ø galvanized core mm	ø pvc wire mm
12,7x12,7	51	25	12	0,95	13	166	0,90	1,30
12,7x12,7	60	25	14	0,95	13	192	0,90	1,30
12,7x12,7	70	25	16,5	0,95	13	225	0,90	1,30
12,7x12,7	80	25	19	0,95	13	257	0,90	1,30
12,7x12,7	100	25	24	0,95	13	322	0,90	1,30
12,7x12,7	121	25	29	0,95	13	387	0,90	1,30
12,7x12,7	150	25	35,5	0,95	13	472	0,90	1,30
12,7x12,7	201	25	48	0,95	13	634	0,90	1,30
19x19	101	25	19	0,75	13	257	1,00	1,40
25,4x25,4	102	25	43	1,69	9	397	1,80	2,20
12,7x12,7	90	30	28	1,03	9	262	1,00	1,40
12,7x25,4	90	30	19	0,70	9	181	1,00	1,40
25,4x25,4	90	30	14	0,52	9	136	1,00	1,40

general characteristics	value	unit of measurement	ref. standards
single wires maximum tensile strength	450-550*	N/mm²	-
zinc coating type	hot dip	-	UNI-EN 10244-2
zinc purity grade (SHG)	~99,995%	-	UNI-EN 1179
zinc adherence	1 (excellent)	-	UNI-EN 10244-2
zinc weight (min/max)	40/60	g/m²	-
zinc coating thickness	~56/~85**	µm	-
PVC thickness	~0,20	mm	UNI-EN 10218-2
plastic coating process	sintering	-	UNI-EN 10245-2
color	bright alpine green	-	-
roll length tolerance	-0/+1	%	-
ø zinc coated wire tolerance (min/max)	±0,030/±0,040	mm	UNI-EN 10218-2

(*) the values refer to the wire before construction of the mesh

(**) the second value refers to the wire of the model with mesh size 25.4 x 25.4 mm ø 1,8 / 2,2 mm

Esaplast fencing mesh has special characteristics (wire diameter, mesh size, excellent plastification qualities, etc.) which render it especially suitable for manufacturing cages, bird cages, gratings, small containers, and in general all projects that require inventive application in hobby related and professional sectors.



