

Fencing in electro-welded zinc and plastic coated wire with rectangular or 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 "**Galvaplax Process**" created by Cavatorta. Thanks to the wide range of mesh sizes, **Esaplax** is suitable for multiple applications in residential, industrial and sports related sectors. Its performance is guaranteed for over 10 years if used in normal condition. **Esaplax** fencing mesh is sold in rolls of **25 m** on **pallets with 8/9 rolls** each wrapped in protective recyclable polyethylene film.

mesh size mm	H cm	roll kg each	kg/m ²	roll/pallet n°	pallet n°	ø galvanized core mm	ø pvc wire mm
50,8x25,4	102	43	1,69	8	354	2,00	2,50
50,8x25,4	122	52	1,69	8	426	2,00	2,50
50,8x25,4	153	65	1,69	8	530	2,00	2,50
50,8x25,4	183	78	1,69	8	634	2,00	2,50
50,8x25,4	203	86	1,69	8	698	2,00	2,50
50,8x50,8	102	29	1,14	9	271	2,00	2,50
50,8x50,8	122	35	1,14	9	325	2,00	2,50
50,8x50,8	153	43,5	1,14	9	402	2,00	2,50
50,8x50,8	183	52	1,14	9	478	2,00	2,50
50,8x50,8	203	58	1,14	9	532	2,00	2,50
76,2x50,8	84	20	0,97	9	190	2,00	2,50
76,2x50,8	99	24	0,97	9	226	2,00	2,50
76,2x50,8	122	30	0,97	9	280	2,00	2,50
76,2x50,8	153	36	0,97	9	334	2,00	2,50
76,2x50,8	183	43	0,97	9	397	2,00	2,50
76,2x50,8	198	48	0,97	9	442	2,00	2,50

general characteristics	value	unit of measurement	ref. standards
single wires maximum tensile strength	450-550*	N/mm ²	-
welding resistance	≥757	N	ASTM.A 185-06
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	70	g/m ²	-
zinc coating thickness	~10	µm	-
PVC thickness	~0,25	mm	UNI-EN 10218-2
plastic coating process	sintering	-	UNI-EN 10245-2
colour	bright alpine green	-	-
roll length tolerance	-0/+1	%	-
ø zinc coated wire tolerance	±0,040	mm	UNI-EN 10218-2

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

The plastic coating process "**Galvaplax Process**", created by Cavatorta, provides the **Esaplax** fencing mesh with extreme resistance and durability through a combination of diverse protective elements: zinc coating, primer and PVC. The steel-based wire with its hot pressed zinc coating is immersed into a special primer, a fundamental step to ensure perfect anchoring of the PVC to the metal. Plastic-coated through a fluidised bed smelting process, ensuring clean homogeneous covering of the entire surface of the mesh.



