

**PATENTED  
MODEL**

# DECOPLAX EVOLUZIONE

THE EVOLUTION OF FENCING MESH

This fencing is made from electro-welded, plastic-coated wire with differentiated and octagonal shaped meshes. The vertical (linear) and horizontal (shaped) wires of the electro-welded mesh are made in zinc coated steel. Plastic coating is obtained through the exclusive sintering process "**Galvaplax Process**" created by Cavatorta. Mainly for use in fencing for residential and industrial areas.

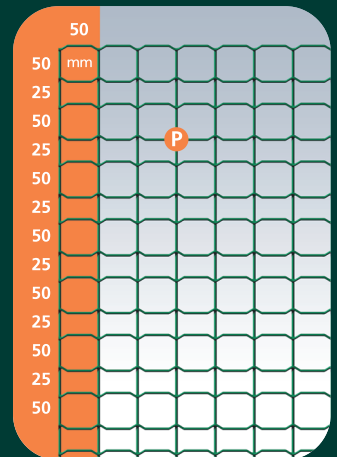
Its performance is guaranteed for over 10 years if used in normal condition. **Decoplax Evoluzione** fencing mesh is sold in rolls of **25 m** on **pallets with 9 rolls** each wrapped in protective recyclable polyethylene film. Available Charcoal and Green Ral 6005 color.

H cm	roll kg each	kg/m <sup>2</sup>	pallet kg each	ø galvanized core mm		ø pvc wire mm	
				vert.	horiz.	vert.	horiz.
81	25	1,40	225	2,20	2,00	2,60	2,40
104	31,25	1,40	281,25	2,20	2,00	2,60	2,40
119	37,50	1,40	337,50	2,20	2,00	2,60	2,40
150	46,90	1,40	422,10	2,20	2,00	2,60	2,40
180	56,25	1,40	506,25	2,20	2,00	2,60	2,40
203	62,50	1,40	562,50	2,20	2,00	2,60	2,40

general characteristics	value	unit of measurement	ref. standards
maximum single vertical wire tensile strength	600-700*	N/mm <sup>2</sup>	-
maximum single horizontal wire tensile strength	450-550*	N/mm <sup>2</sup>	-
welding resistance	≥ 916	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 coating thickness	~10	µm	-
PVC thickness	~ 0,20	mm	UNI-EN 10218-2
plastic coating process	sintering	-	UNI-EN 10245-2
colour	Charcoal - Green Ral 6005	-	-
roll length tolerance	-0/+1	%	-
ø horizontal zinc coated wire tolerance	±0,040	mm	UNI-EN 10218-2
ø vertical zinc coated wire tolerance	±0,045	mm	UNI-EN 10218-2
ø plastic coated wire tolerance	±0,15	mm	UNI-EN 10218-2

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

Born from an original Decoplax design, this mesh has technical and structural characteristics that allows for it use in wider applications than that of standard Decoplax. **Decoplax Evoluzione** is an elegant fencing made up of smaller octagons, which give it added strength. It is suitable for all types of fences, including those requiring a high level of security.



bending depth **P** ~7,0 mm



