

GALVAPLAX

WIRE FOR FRUIT ORCHARDS

Green pvc coated wire on galvanized core. Plastic coating is obtained through the exclusive process "**Galvaplax Process**" created by Cavatorta. **Galvaplax** is sold in bound coils packages protected by a recyclable polyethylene film. Upon request, **Galvaplax** is available in industrial size coils on spools.

ø zinc coating mm	ø plastic coating mm	coil kg each	L m each	L/kg m	coil n°	coil kg each
1,50	1,80	20	1356	67,80	15	300
1,80	2,20	25	1157	46,30	15	375
2,00	2,40	25	992	39,70	15	375
2,20	2,60	30	927	30,90	17	510
2,40	2,90	30	764	25,50	17	510
2,70	3,20	40	821	20,50	13	520
3,00	3,60	40	683	17,10	13	520
3,50	4,20	40	504	12,60	8	320
4,00	4,70	40	388	9,70	8	320

ø plastic coating mm	tolerance* plastic coated ± mm	PVC thickness mm	ø zinc coating mm	tolerance* zinc coated wire ± mm	thickness zinc coating µm
1,80	0,10	~0,15	1,50	0,035	~8,50
2,20	0,15	~0,20	1,80	0,040	~8,50
2,40	0,15	~0,20	2,00	0,040	~10,00
2,60	0,15	~0,20	2,20	0,045	~10,00
2,90	0,15	~0,25	2,40	0,045	~10,00
3,20	0,20	~0,25	2,70	0,045	~13,00
3,60	0,20	~0,30	3,00	0,050	~14,00
4,20	0,20	~0,35	3,50	0,060	~15,50
4,70	0,20	~0,35	4,00	0,060	~17,00

(*) UNI EN 10218-2

general characteristics	value	unit of measurement	ref. standards
single wires maximum tensile strength	450-550	N/mm ²	-
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
plastic coating process	sintering	-	UNI-EN 10245-2
color	alpine green color	-	-

The specific mechanical and structural characteristics of the wire make **Galvaplax** particularly suitable for applications both in the agricultural sector (for example, fruit orchards), as well as for industrial applications where high environmental acidity accentuates the speed of steel corrosion, which must be effectively prevented.



Galvaplax Process Guarantee

The **Galvaplax Process** is a method of coating steel which gives optimum durability and strength, and is exclusive to Cavatorta. Galvanized steel wires are immersed into a special primer which is fundamental in ensuring perfect adherence of the resultant PVC layer. The PVC is applied in a fluidised bed smelting process and the final product has a clean, homogeneous covering over the whole surface. In normal conditions, wire produced using the **Galvaplax Process** is **guaranteed** to prevent corrosion for more than **10 years**.

