FERRIERE
Giuseppe Cima

AGRICULTURE

WIRES, STRANDS AND WIRE ROPES FOR ORCHARDS

FGC has developed alongside field experts, a high tensile steel wire with great endurance throughout time, for performing orchards.
The ductility, a fundamental characteristic for an efficient application, is tested and certified for every shipment by the Wrapping test EN10244-1 section 5.3.

TECHNICAL FEATURES OF THE MATERIALS

ZINC-ALUMINIUM/RARE EARTHS OR GALVANIZED STEEL WIRES

Diam. mm	Class of coating	Mass of coating min. g/m²	Tensile strength kg/mm²	MBL kg	Elongation
1,60	A	195	130	265	3-5%
1,80	A	205	130	335	3-5%
2,00	A	215	130	405	3-5%
2,20	A	230	130	490	3-5%
2,40	A	230	130	585	3-5%
2,70	A	245	130	740	3-5%
3,00	A	255	130	915	3-5%
3,15	A	255	130	1010	3-5%
3,50	A	265	130	1250	3-5%
4,00	A	275	130	1630	3-5%

Standards EN 10244-2, EN 10264-2

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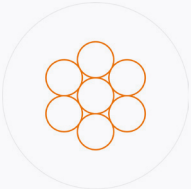
ZINC-ALUMINIUM OR GALVANIZED STEEL STRANDS

Strand diam. mm	Number of wires	Diam. single wire mm	Mass of coating min. g/m²	MBL kg
3,00	7	1,00	115	850
3,00	19	0,60	80	850
4,00	7	1,30	125	1270
4,00	19	0,80	70	1520
5,00	7	1,67	205	2140
5,00	19	1,00	115	2200
6,00	7	2,00	215	3060
6,00	19	1,20	125	2850
7,00	19	1,40	135	3870
7,50	7	2,50	245	5500
8,00	19	1,60	137	5100
8,40	7	2,80	255	6000
9,00	7	3,00	255	6870
Standards	EN 10244-2, EN 10264-2			

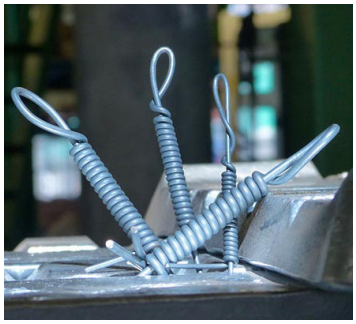
The material is strictly controlled during every stage of manufacturing according to our Quality System in compliance with **EN ISO 9001:2008.**

CONSTRUCTIONS



STRANDS
1×7

STRANDS
1×19



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GALVANIZED STEEL WIRE ROPES

Wire rope diam. mm	Costructions	Class of coating	Mass of coating g/m²	Tensile strenght N/mm²	MBL kg
3,00	7 x 7	B	30	1770-1960	580-645
3,00	7 x 19	B	30	1770-1960	590-650
4,00	7 x 7	B	40	1770-1960	1040-1150
4,00	7 x 19	B	130	1770-1960	1050-1160
5,00	7 x 7	B	50	1770-1960	1620-1790
5,00	7 x 19	B	30	1770-1960	1630-1800
6,00	7 x 7	A	115	1770-1960	2340-2790
6,00	7 x 7	B	60	1770-1960	2340-2790
6,00	7 X 7	B	40	1770-1960	2350-2610
8,00	7 X 7	A	145	1770-1960	4150-4590
8,00	7 X 7	B	70	1770-1960	4150-4590
8,00	7 X 19	B	50	1770-1960	4180-4630
10,00	7 X 7	B	80	1770-1960	6480-7170
10,00	7 X 19	A	115	1770-1960	6540-7240
10,00	7 X 19	B	60	1770-1960	6540-7240
Standards	EN 10244-2, EN 10264-2				

CONSTRUCTIONS

WIRE ROPES
7×7

WIRE ROPES
7×19

SYNTHETIC MATERIAL COATINGS

STRANDS AND WIRE ROPES

Material: PVC, polypropylene, polyethylene

Colors: black, clear, green, blue, white

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WIRES, STRANDS AND WIRE ROPES FOR ORCHARDS

PACKAGING

WIRES

- Wooden reels from 100 to 500 kg
- Coils from 20 to 100 kg

STRANDS AND WIRE ROPES

- Wooden reels from 500 m to 2.000 m
- Coils from 40 to 90 kg

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