

FGC has developed alongside field experts, a steel wire which blends the best mix between durability and manageability and resistant over time, to ensure performant vineyards. 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 | JDP Jauge de Paris | Class of coating | Mass of coating minimo g/m ² | Tensile strength kg/mm ² | MBL minimo kg | Elongation |
|----------|--------------------|------------------|---|-------------------------------------|---------------|------------|
| 1,60 | 11 | A | 195 | 80-100 | 164 | ≤10% |
| 1,80 | 12 | A | 205 | 80-100 | 207 | ≤10% |
| 2,00 | 13 | A | 215 | 80-100 | 256 | ≤10% |
| 2,20 | 14 | A | 230 | 80-100 | 310 | ≤10% |
| 2,40 | 15 | A | 230 | 80-100 | 369 | ≤10% |
| 2,70 | 16 | A | 245 | 80-100 | 467 | ≤10% |
| 3,00 | 17 | A | 255 | 80-100 | 576 | ≤10% |
| 3,50 | 18 | A | 265 | 80-100 | 784 | ≤10% |
| 4,00 | 19 | A | 275 | 80-100 | 1025 | ≤10% |

Standards EN 10244-2, EN 10264-2

ZINC-ALUMINIUM/RARE EARTHS STEEL WIRES (Cizal® C+3)

| Diam. mm | Class of coating | Mass of coating g/m ² | Tensile strength kg/mm ² | 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



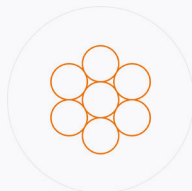
AGRICULTURE

WIRES, STRANDS AND WIRE ROPES FOR VINEYARDS

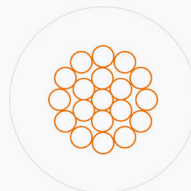
ZINC-ALUMINUM OR GALVANIZED STEEL STRANDS

| Strand diam. mm | Number of wires | Diam. single wire mm | Mass of coating g/m ² | 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 | | | |

COSTRUCTIONS



STRANDS
1×7



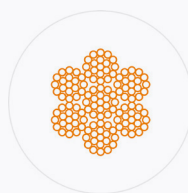
STRANDS
1×19

GALVANIZED STEEL WIRE ROPES

| Wire rope diam. mm | Costruction | Class of coating | Mass of coating g/m ² | Tensile strenght N/mm ² | 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 | 30 | 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 19 | 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 |
| 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**.

COSTRUCTIONS

WIRE ROPES
 7x7

WIRE ROPES
 7x19

AGRICULTURE

WIRES, STRANDS AND WIRE ROPES FOR VINEYARDS

SYNTHETIC MATERIAL COATING

STRANDS AND WIRE ROPES

Material: PVC, Polypropylene, Polyethylene

Colours: black, clear, green, blue, white

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