amic
Le fil, notre passion

LOW CARBON
STEEL WIRE

Chemical composition

Desig.	Norm EN 10016-2	C	Si	Mn	P max.	S max.	Cu max.	Ni	Mo	Cu	Al
C4D	1.0300	≤ 0,06	≤ 0,30	0,30 - 0,60	0,035	0,035	0,2	0,25	0,05	0,3	0,01
C7D	1.0313	0,05 - 0,09	≤ 0,30	0,30 - 0,60	0,035	0,035	0,2	0,25	0,05	0,3	0,01
C9D	1.0304	≤ 0,10	≤ 0,30	0,30 - 0,60	0,035	0,035	0,2	0,25	0,05	0,3	0,01
C10D	1.0310	0,08 - 0,13	≤ 0,30	0,30 - 0,60	0,035	0,035	0,2	0,25	0,05	0,3	0,01

- **Wires can be offered with different coatings :**
  bright – Zn galvanized : redrawn, brigth, annealed – Cu copper-plated

Applications

C4D - C7D - C9D - C10D
Gabions
Fences and fencing
Decoration and furniture (lampshades, lights...)
Baskets (medical, shopping cart, food...)
Household appliances (dishwasher...)
Point of sale displays
Hangers, coat racks

Low carbon steel wire tensile strength (approx.)

Designation	N/mm²
Bright	400 - 950
Galvanized redrawn	450 - 970
Galvanized bright	500 - 800
Galvanized annealed	450 - 500
Copper-plated	550 - 1200
Black annealed	320 - 400

The tensile strength of steel wires changes depending on their diameter, coating or condition. After straightening and cutting, it is known that the tensile strength can be reduced by up to 10%. Many intermediate diameters are available.

*All data on this website are provided for information purposes only and are not contractual sales condition.

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