



Trefilunion Commercency

Low carbon wire



From the French leader in steel and wire solutions

Trefilunion is one of the largest wire drawers in France and offers a diversified portfolio of low and high carbon wires, strands, ropes and corrosion-resistant solutions. Today Trefilunion is recognised worldwide for the quality of its corrosion-resistant product range.

Trefilunion' low carbon wires are produced by Trefilunion Commercy, located in Eastern France. The mill offers an extensive range of products under continuous development responding to the most exacting customer requirements.

Low carbon wire

Specifications

Product characteristics

Mild steel industrial wire

Ø 0.60 to 16.00 mm (bright, annealed, interannealed)

Cut to length

Ø 2.00 to 14.00 mm, length 400 to 6000 mm (bright, annealed)

Ø 2.00 to 3.80 mm, length 400 to 6000 mm (galvanised)

Mild steel industrial galvanised wire

Ø 0.80 to 3.80 mm (galvanised on bright and annealed)

Stitching wire for wooden packaging

Ø 0.80 to 1.30 mm (bright, galvanised)

Color coated wire

Ø 0.55 to 3.00 mm (lacquered annealed and interannealed)

Copper washed wire

Ø 0.80 to 5.00 mm (inline coppering)

Grades of steel

Hot rolled wire rod grades

Possible between C2D and C36D in accordance with EN 16120-2

Coating and surface treatment

Bright soap drawn – Uncoated standard condition

Bright DF2 – Suitable for plastic coating

Bright DF1 – Suitable for electrolytic treatment

Superplating – Suitable for high quality electrolytic treatment $R_a < 0.3 \mu\text{m}$

Hot dipped galvanised

High quality inline coppering

Lacquered – Black and golden colour Triomphe (various other colours upon request)

Norms

- All our wires are produced according to EN 16120-1 to 4 or customer specification

Normal values

- Diameter tolerance $+0/-0.05$ mm
- Tensile tolerance ± 150 Mpa

Applications

- Automotive
- Cable armouring
- Champagne cork cages
- Construction
- Office and shop equipment
- Stapling wire
- White goods
- Cable trays
- Wire for ties
- Trolleys and displays



Packaging

Description

- All our products are individually identified with labels referring to type, diameter, cast number, batch number, coil number and coil weight.
- Our coils can be protected with plastic wrapping, loaded on pallets or wooden blocks and oiled. Specific packaging can be offered, please contact us.

	Internal Ø (mm)	External Ø (mm)	Height (mm)	Weight (kg)
Traverse wound*	530 or 750	-	650	600/3500
Orbit wound coil	400	700	600	400/500
	430	750	900	900
Cardboard drum	320	520	770	200
Wooden drum	650	1010	550	1000
	530	750	640	750
	400	600	560	400

	Length (mm)	External Ø (mm)	Height (mm)	Weight (kg)
Cut lengths in bundles	400 to 6000	-	-	1000
Box pallet	1000	-	-	1000
Wooden case	1200	-	-	1000

*Conical packaging possible

Certificate

We supply a test certificate which complies with EN10204-3.1



Trefilunion Commercy
Everyday, everywhere...
The best low carbon wires for your applications

Ultra modern chemical descaling line in Commercy: completely automatic and functional, this line is capable of preparing wire rod prior to drawing high and low carbon wires as well as cold heading wires.

Customer's benefits

- Simplified traceability and consistency
- Regularity of the technical characteristics
- Increased flexibility of the manufacturing process
- Reduced production times
- Increased competitiveness
- Higher quality products
- Newly developed product line unique for IWF

Specifications

- Annual capacity: 125,000 tons
- Coil weight: 3 tons maximum
- External Ø of coils: 1,400 mm max.
- All diameters of wire possible

Advantages

- Specific equipment in order to limit loss/waste of energy
- Various possibilities of surface treatments
- Electronic system of traceability with specific labelling
- Automatic process control
- Fully compliant with all environmental standards



Trefilunion Commercy
Route de Boncourt
F-55200 Commercy
T +33 3 29 91 78 27
F +33 3 29 91 78 61
www.Trefilunion.fr

Company certified ISO 9001, ISO 14001 and OHSAS 18001