

COKYASAR

— HOLDING —

PRODUCT CATALOG


OZYASAR


COKYASAR
HALAT


COKYASAR
TEL


ALFA METAL
ALÜMİNYUM SANAYİ ve TİCARET A.Ş.


OZYASAR
METAL

intermix



THE LEADING STEEL WIRE MANUFACTURER IN TURKEY

5 Wire Galvanization Facilities with Modern, State-Of-The-Art Technology

Annual Production Capacity of 200.000 Tons

Production in an Indoor Area Of 75.000m²



COKYASAR

HOLDING

Our companies that operate in the sector of steel wire and aluminum have been united at a single source under the roof of Çokyaşar Holding as part of a Corporate Transformation Project.

The companies of Çokyaşar Holding, which has many production facilities at 5 different locations in Turkey, have a total annual production of 500.000 tons and a total turnover of approximately 1 billion Turkish Liras. At the same time, the group serves Turkey in the best way possible by employing 1.000 people and creating employment opportunities for 10.000 people.


OZYASAR


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COKYASAR
TEL

ÖZYAŞAR WIRE AND GALVANIZING IND. INC.

Özyaşar Wire and Galvanizing Ind. Inc. were founded by our honorary president Ahmet Çokyaşar in 1973. Özyaşar is an industrial company that currently serves many sectors, such as energy, infrastructure, cable, automotive, construction, agriculture and environmental safety sector, with a wide value added product range that include wires and wire products, particularly hot dip galvanized wires.

Headquarter of Özyaşar is located on Basın Ekspres Road which is 4 kilometers away from Atatürk Airport. The production facilities were located in Değirmenköy, Silivri. Total surface is 75.000 square meters with 35.000 square-meters closed area.

Özyaşar Wire and Galvanizing, the leading company in its own sector, has more than 200 thousand tons annual production capacity with approximately 400 employees and 5 giant(colossal) wire galvanizing facilities.

The cooperation is also one of the most prominent industrial enterprises that have made their way to the list of top 1.000 exporters and the second industrial firms in Turkey with 80 million USD annual turnover. Özyaşar has been exporting the products more than 50 countries in all over the World, especially to Europe, Middle East, South America and North America.

Operating with the experience and expertise brought on by more than 45 years in trade and manufacturing of industrial products, Özyaşar maintains its mission for the sector with awareness of responsibility, also it has undertaken for adding value to its customers and to Turkish economy.

Özyaşar Wire and Galvanizing Ind. Inc. has proven its devotion to its customers, quality, employees and environment through OHSAS, 18001, ISO 9001, ISO 14001, ISO 27001, TSE EN 102442, TSE EN 10223-6, and TSE EN 10223-7 certifications.

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ENERGY

Cras sed interdum diam Vivamus sollicitudin libe
diam Vivamus sollicitudin libe
nterdum diam Vivamus sollicitudin libe
Cras sed interdum diam Vivamus sollicitudin libe

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ENVIRONMENT AND SECURITY SYSTEMS

Cras sed interdum diam Vivamus sollicitudin libe
diam Vivamus sollicitudin libe
nterdum diam Vivamus sollicitudin libe
Cras sed interdum diam Vivamus sollicitudin libe

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INDUSTRIAL PRODUCTS

Cras sed interdum diam Vivamus sollicitudin libe
diam Vivamus sollicitudin libe
nterdum diam Vivamus sollicitudin libe
Cras sed interdum diam Vivamus sollicitudin libe

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AGRICULTURE

Cras sed interdum diam Vivamus sollicitudin libe
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nterdum diam Vivamus sollicitudin libe
Cras sed interdum diam Vivamus sollicitudin libe

49

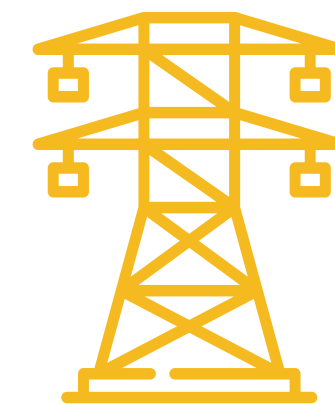
CONSTRUCTION

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Cras sed interdum diam Vivamus sollicitudin libe

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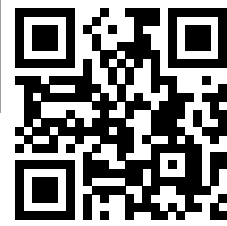
CERTIFICATES

Cras sed interdum diam Vivamus sollicitudin libe
diam Vivamus sollicitudin libe
nterdum diam Vivamus sollicitudin libe
Cras sed interdum diam Vivamus sollicitudin libe



ENERGY

STANDARD GALVANIZED WIRE



Material	Low-carbon steel wire
Coating	Hot-dip galvanized (Zn)
Wire Diameter	0,70 - 10,00 mm
Coating Thickness	40-350 g/m ²
Tensile Strength	350-500 N/mm ² , 500-700 N/mm ² , 700-900 N/mm ²
Coil Weight	100-1200 kg
Packaging	Rosette coil
Areas of Use	Production of wire netting, barbed wires, security panels, PVC coated wires, wire meshes, cages, bucket handles and nails



ARMOURING WIRE



Material	Low-carbon steel wire
Coating	Hot-dip galvanized (Zn)
Wire Diameter	0,80 - 8,00 mm
Coating Thickness	112-350 g/m ²
Tensile Strength	350-500 N/mm ² , 650-850 N/mm ² , 850-1050 N/mm ² Grade 34 – 65 – 85
Coil Weight	100-1200 kg
Packaging	Rosette coil, metal-profile basket, iron/wooden coil D=630 mm and D=800 mm), Z2- Z3 coil
Areas of Use	Power cable, Subsea cables, Umbilicals
Standards	BS 5467/EN10257-2/10244-2



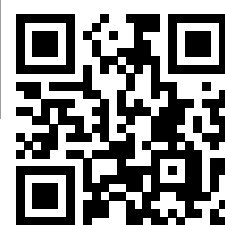
FLAT WIRE



Material	Low-carbon steel wire
Coating	Hot-dip galvanized zinc (Zn)
Wire Diameter	4,00*0,80 mm 5,00*0,80 mm 6,20*1,20 mm and 6,00*1,20 mm
Coating Thickness	80-120 g/m ²
Tensile Strength	350-500 N/mm ²
Coil Weight	300-600 kg
Packaging	Iron/wooden coil (D=630 mm and D=800 mm)
Areas of Use	Energy cables
Standards	BS 5467/EN10257-2/10244-2



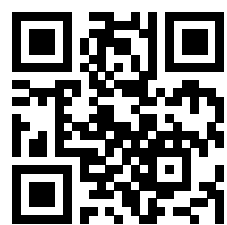
PATENTED GALVANIZED WIRE



Material	High-carbon steel wire
Coating	Hot-dip galvanized (Zn)
Wire Diameter	1,40 - 6,50 mm
Coating Thickness	180-350 g/m ²
Tensile Strength	850-2050 N/mm ²
Coil Weight	750-1250 kg
Packaging	Rosette coil, Z2 coil
Areas of Use	Production of steel ropes and cord wires



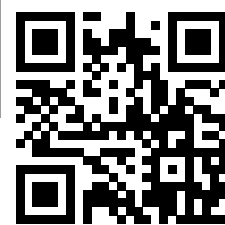
PHOSPHATED WIRE



Material	High-carbon steel wire
Coating	Phosphate
Wire Diameter	1,40-4,50 mm // 0,90-2,50 mm
Coating Thickness	5-7,5 g/m ²
Tensile Strength	850-1770 N/mm ²
Coil Weight	500-1100 kg
Packaging	Rosette coil, Z2 coil
Areas of Use	Steel wire rope



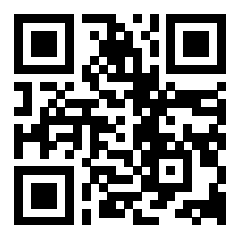
ACSR WIRE



Material	High-carbon steel wire
Coating	Hot-dip galvanized (Zn)
Wire Diameter	1,33 - 4,50 mm
Coating Thickness	180-320 g/m ²
Tensile Strength	1300-1600 N/mm ²
Coil Weight	375-1100 kg
Packaging	Rosette coil, Z2-Z3 coil, wooden spool (D=630 mm and D=800 mm)
Areas of Use	Overhead line conductors
Standards	EN 50189-ASTM B498



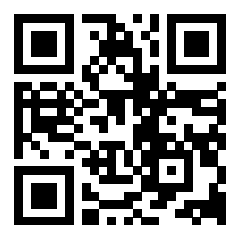
COLD DRAWN STEEL WIRE



Material	High/low-carbon steel wire
Coating	N/A
Wire Diameter	0,75 mm-10,00 mm
Coating Thickness	N/A
Tensile Strength	500-1900 N/mm ²
Coil Weight	750-2000 kg
Packaging	Rosette coils, small coils, Z2-Z3 spool, wooden spool
Areas of Use	Production of nails, staples and meshes



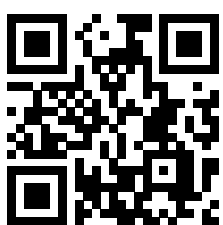
PVC COATED WIRE



Material	Low-carbon PVC coated wire
Coating	Hot-dip galvanized
Wire Diameter	2,70 - 4,50 mm
Coating Thickness	40-350 g/m ²
Tensile Strength	350-520 N/mm ²
Coil Weight	100-1200 kg
Packaging	Rosette coil
Areas of Use	Production of fences



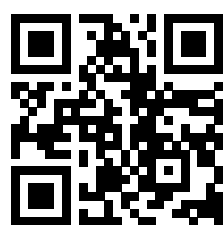
BLACK ANNEALED WIRE



Material	Annealed wire
Coating	N/A
Wire Diameter	0,90 mm-8,00 mm
Coating Thickness	N/A
Tensile Strength	Max. 450 N/mm ²
Coil Weight	10-2000 kg
Packaging	Rosette coils, bundles
Areas of Use	The construction industry



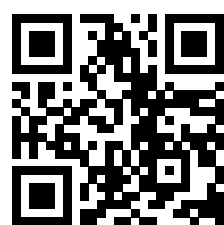
OILED BAILING WIRE



Material	Oiled bailing wire
Coating	N/A
Wire Diameter	Between 1,70 and 3,50 mm
Coating Thickness	N/A
Tensile Strength	Max. 450 N/mm ²
Coil Weight	Max. 48 kg
Packaging	In small coils
Areas of Use	The agriculture, recycling and packaging/cardboard industries

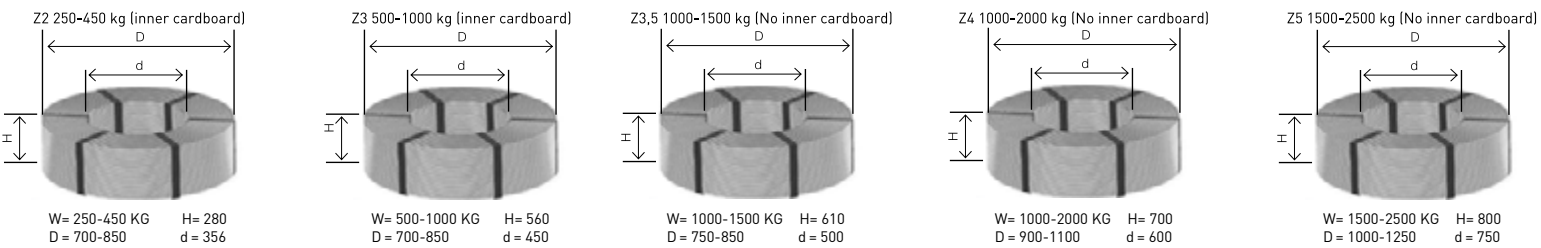


SPRING WIRE



Diameter Tolerance		Ovality	TS (N/mm ²)	BL (N)	Twist / Tortion (cycle)	Packaging Properties	Carbon (%)
	Min.-Max.	Max.	Min.-Target-Max	Min.-Max.	Min.		
1.30 [C45]	+/- 0,02	15	1620 - 1715 - 1810	2149 - 2401	33	KGB - 600 - 800 KG	0.45%
1.40 [C45]	+/- 0,02	15	1620 - 1715 - 1810	2492 - 2785	33	KGB	0.45%
1.50 [C65]	+/- 0,02	15	1800 - 1900 - 2000	3180 - 3530	32	KGB	0.65%
1.60 [C70]	+/- 0,02	15	1800 - 1900 - 2000	3620 - 4020	32	KGB	0.65%
1.70 [C65]	+/- 0,02	15	1800 - 1900 - 2000	4090 - 4540	32	KGB	0.65%
1.80 [C65]	+/- 0,02	15	1800 - 1900 - 2000	4580 - 5090	32	KGB	0.65%
1.90 [C65]	+/- 0,02	15	1750 - 1850 - 1950	4950 - 5530	32	KGB	0.65%
2.00 [C65]	+/- 0,02	15	1700 - 1775 - 1850	5338 - 5809	29	KGB	0.65%
2.20 [C65]	+/- 0,02	15	1620 - 1700 - 1750	6155 - 6649	28	KGB	0.65%
2.32 [C65]	+/- 0,02	15	1430 - 1515 - 1600	6042 - 6760	28	KGB	0.65%
2.38 [C65]	+/- 0,02	15	1550 - 1625 - 1700	6892 - 7559	28	KGB	0.65%
2.50 [C65]	+/- 0,02	15	1500 - 1600 - 1700	7300 - 8350	---	KGB	0.65%
3.50 [C70]	+/- 0,02	15	1370 - 1500 - 1600	13175 - 15386	---	COIL - 250 KG	0.70%
4.00 [C70]	+/- 0,02	15	1280 - 1380 - 1480	16077 - 18766	---	COIL	0.70%

Standard: EN10270

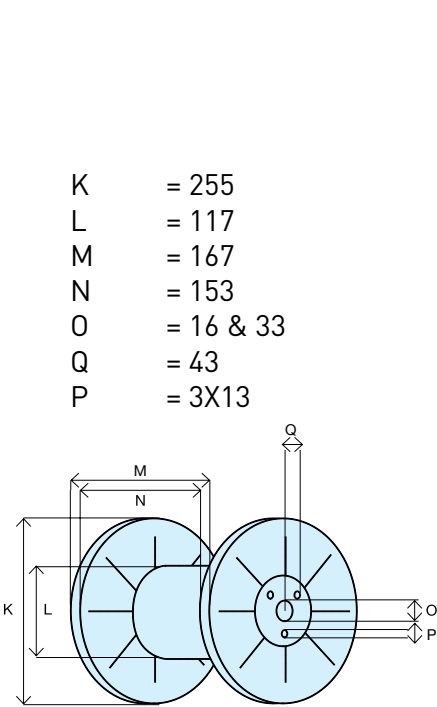


Production Technique	Steel wires which are cold-rolled with the dry or wet drawing techniques can be manufactures at any standard, galvanized, phosphated or patented.		
Use	The product is used by manufacturers of industrial springs, control cables and bed springs.		
Class	Low Tensile Strength	Medium Tensile Strength	High Tensile Strength
Range of Wire Diameters	0,40 mm - 14,00 mm	0,40 mm - 14,00 mm	0,40 - 12,00 mm
Tensile Strength	EN 10270-1		
Packaging	Coil, Z2 and Z3 with cardboard cores	250-450 kg Z2	

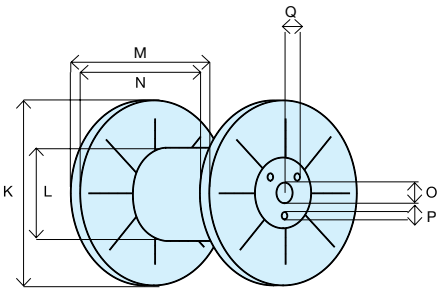
*Depending on customer requests, wires can be manufactured in galvanized form or at any desired tensile strenght range.

Production Technique	In the production, which is carried out through the cold drawing method, chemicals that are highly resistant to moisture and corrosion are used.		
Use	The product is used by bed and seating group manufacturers.		
Class	Low Tensile Strength	Medium Tensile Strength	High Tensile Strength
	SL	SM	SH
Range of Wire Diameters	0,40 mm - 14,00 mm	0,40 mm - 14,00 mm	0,40 mm - 7,00 mm
Tensile Strength	1060 - 1970 N/mm ²	1130 - 2550 N/mm ²	1540 - 2830 N/mm ²
Packaging	Coil, Z2 and Z3 with cardboard cores		

*Depending on customer requests, wires can be manufactured in galvanized form or at a different tensile strenght range.



K = 255
L = 117
M = 167
N = 153
O = 16 & 33
Q = 43
P = 3X13

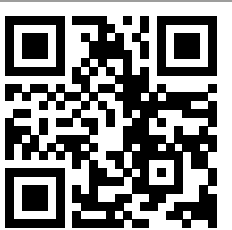


SPRING WIRE



Dia (mm)	Quality (10270-1)		Type	Packing Type and Weights				
0.40	SL	SM		Phosphated	BS60			
0.50	SL	SM		Phosphated	BS60			
0.60	SL	SM		Phosphated	BS60			
0.70	SL	SM	SH	Phosphated	40-50 kg coil	250-350 kg Z2		
0.80	SL	SM	SH	Phosphated	40-50 kg coil	250-350 kg Z2		
0.90	SL	SM	SH	Phosphated	40-50 kg coil	250-450 kg Z2		
1.00	SL	SM	SH	Phosphated	40-50 kg coil	250-450 kg Z2		
1.10	SL	SM	SH	Phosphated	40-50 kg coil	250-450 kg Z2		
1.20	SL	SM	SH	Phosphated	40-50 kg coil	250-450 kg Z2		
1.30	SL	SM	SH	Phosphated	40-50 kg coil	250-450 kg Z2		
1.40	SL	SM	SH	Phosphated	60-100 kg coil	250-450 kg Z2		
1.50	SL	SM	SH	Phosphated	60-100 kg coil	250-450 kg Z2		
1.60	SL	SM	SH	Phosphated	60-100 kg coil	250-450 kg Z2		
1.70	SL	SM	SH	Phosphated	60-100 kg coil	250-450 kg Z2	500-1000 kg Z3	
1.80	SL	SM	SH	Phosphated	60-100 kg coil	250-450 kg Z2	500-1000 kg Z3	
1.90	SL	SM	SH	Phosphated	60-100 kg coil	250-450 kg Z2	500-1000 kg Z3	
2.00	SL	SM	SH	Phosphated	60-100 kg coil	250-450 kg Z2	500-1000 kg Z3	
2.20	SL	SM	SH	Phosphated	100-150 kg coil	250-450 kg Z2	500-1000 kg Z3	
2.50	SL	SM	SH	Phosphated	100-150 kg coil	250-450 kg Z2	500-1000 kg Z3	
2.80	SL	SM	SH	Phosphated	100-150 kg coil	250-450 kg Z2	500-1000 kg Z3	
3.00	SL	SM	SH	Phosphated	150-250 kg coil	500-1000 kg Z3	1000-1500 kg Z3,5	
3.20	SL	SM	SH	Phosphated	150-250 kg coil	500-1000 kg Z3	1000-1500 kg Z3,5	
3.50	SL	SM	SH	Phosphated	150-250 kg coil	500-1000 kg Z3	1000-1500 kg Z3,5	
4.00	SL	SM	SH	Phosphated	150-250 kg coil	500-1000 kg Z3	1000-1500 kg Z3,5	1000-2000 kg Z4
4.50	SL	SM	SH	Phosphated	150-250 kg coil	500-1000 kg Z3	1000-1500 kg Z3,5	1000-2000 kg Z4
5.00	SL	SM	SH	Phosphated	150-250 kg coil	500-1000 kg Z3	1000-1500 kg Z3,5	1000-2000 kg Z4
5.50	SL	SM	SH	Phosphated	150-250 kg coil	500-1000 kg Z3	1000-1500 kg Z3,5	1000-2000 kg Z4
6.00	SL	SM	SH	Phosphated	250-450 kg coil	500-1000 kg Z3	1000-1500 kg Z3,5	1000-2000 kg Z4
6.50	SL	SM	SH	Phosphated	250-450 kg coil	500-1000 kg Z3	1000-1500 kg Z3,5	1000-2000 kg Z4
7.00	SL	SM	SH	Phosphated	250-450 kg coil	500-1000 kg Z3	1000-1500 kg Z3,5	1000-2000 kg Z4
7.50	SL	SM	SH	Phosphated	250-450 kg coil	500-1000 kg Z3	1000-1500 kg Z3,5	1000-2000 kg Z4
8.00	SL	SM	SH	Phosphated	250-450 kg coil		1000-1500 kg Z3,5	1000-2000 kg Z4
8.50	SL	SM	SH	Phosphated	250-450 kg coil		1000-1500 kg Z3,5	1000-2000 kg Z4
9.00	SL	SM	SH	Phosphated	250-450 kg coil		1000-1500 kg Z3,5	1000-2000 kg Z4
9.50	SL	SM	SH	Phosphated	250-450 kg coil		1000-1500 kg Z3,5	1000-2000 kg Z4
10.00	SL	SM	SH	Phosphated	250-450 kg coil		1000-1500 kg Z3,5	1000-2000 kg Z4
10.50		SM	SH	Phosphated	250-450 kg coil		1000-1500 kg Z3,5	1000-2000 kg Z4
11.00		SM	SH	Phosphated	250-450 kg coil		1000-1500 kg Z3,5	1000-2000 kg Z4
11.50		SM	SH	Phosphated	250-450 kg coil		1000-1500 kg Z3,5	1000-2000 kg Z4
12.00		SM	SH	Phosphated	250-450 kg coil		1000-1500 kg Z3,5	1000-2000 kg Z4
12.50		SM		Phosphated	250-450 kg coil		1000-1500 kg Z3,5	1000-2000 kg Z4
13.00		SM		Phosphated	250-450 kg coil	250-450 kg coil	1000-1500 kg Z3,5	1000-2000 kg Z4

BRIGHT WIRE



Material	Low-carbon cold drawn bright wire
Coating	N/A
Wire Diameter	1,80-8,00 mm
Coating Thickness	N/A
Tensile Strength	550-750 N/mm²
Coil Weight	150 kg-1000 kg
Packaging	Small coils, baskets
Areas of Use	In production of metal baskets and shelves



ROPING WIRE

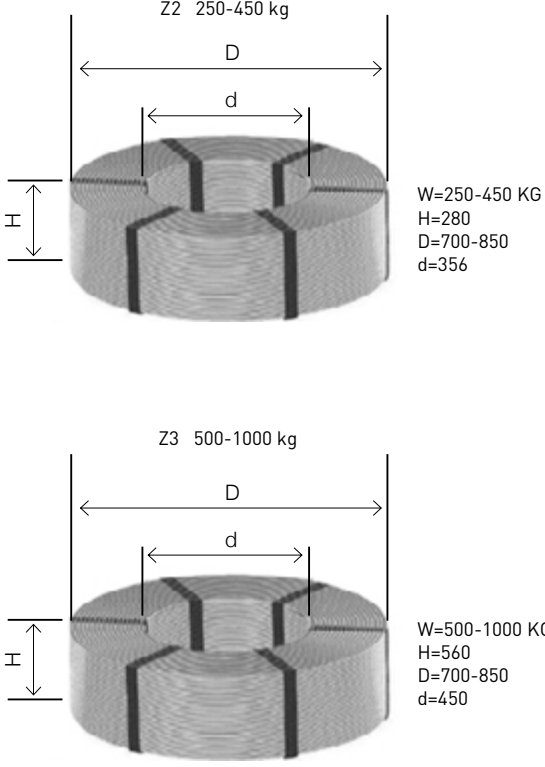


DIA (mm)	COATING		1570 N/mm ²		1770 N/mm ²		1960 N/mm ²	
0.20	Phosphated	Galvanized						
0.25	Phosphated	Galvanized					1960	Patented
0.30	Phosphated	Galvanized			1770	Patented	1960	Patented
0.35	Phosphated	Galvanized	1570	Patented	1770	Patented	1960	Patented
0.40	Phosphated	Galvanized	1570	Patented	1770	Patented	1960	Patented
0.45	Phosphated	Galvanized	1570	Patented	1770	Patented	1960	Patented
0.50	Phosphated	Galvanized	1570	Patented	1770	Patented	1960	Patented
0.55	Phosphated	Galvanized	1570	Patented	1770	Patented	1960	Patented
0.60	Phosphated	Galvanized	1570	Patented	1770	Patented	1960	Patented
0.65	Phosphated	Galvanized	1570	Patented	1770	Patented	1960	Patented
0.70	Phosphated	Galvanized	1570	Patented	1770	Patented	1960	Patented
0.75	Phosphated	Galvanized	1570	Patented	1770	Patented	1960	Patented
0.80	Phosphated	Galvanized	1570	Patented	1770	Patented	1960	Patented
0.90	Phosphated	Galvanized	1570	Patented	1770	Patented	1960	Patented
1.00	Phosphated	Galvanized	1570	Patented	1770	Patented - W/R	1960	Patented - W/R
1.10	Phosphated	Galvanized	1570	Patented - W/R	1770	Patented - W/R	1960	Patented - W/R
1.20	Phosphated	Galvanized	1570	Patented - W/R	1770	Patented - W/R	1960	Patented - W/R
1.30	Phosphated	Galvanized	1570	Patented - W/R	1770	Patented - W/R	1960	Patented - W/R
1.40	Phosphated	Galvanized	1570	Patented - W/R	1770	Patented - W/R	1960	Patented - W/R
1.50	Phosphated	Galvanized	1570	Patented - W/R	1770	Patented - W/R	1960	Patented - W/R
1.60	Phosphated	Galvanized	1570	Patented - W/R	1770	Patented - W/R	1960	Patented - W/R
1.70	Phosphated	Galvanized	1570	Patented - W/R	1770	Patented - W/R	1960	Patented - W/R
1.80	Phosphated	Galvanized	1570	Patented - W/R	1770	Patented - W/R	1960	Patented - W/R

Standard: EN10264



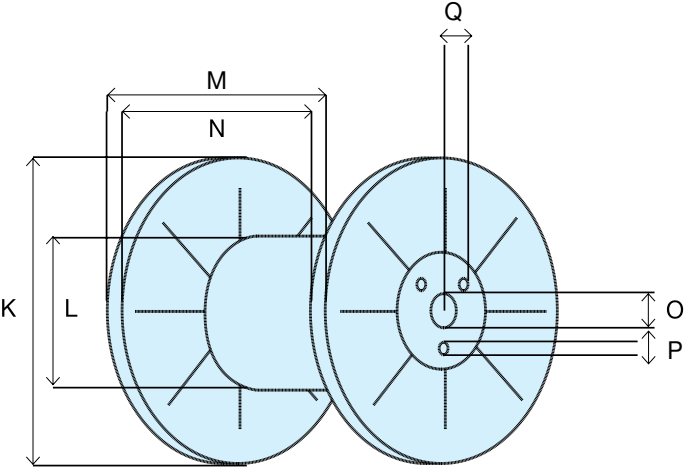
2160 N/mm ²		PACKING		
2160	Patented	BS60 Reel	250-450 kg Z2	
2160	Patented	BS60 Reel	250-450 kg Z2	
2160	Patented	BS60 Reel	250-450 kg Z2	
2160	Patented	BS60 Reel	250-450 kg Z2	
2160	Patented	BS60 Reel	250-450 kg Z2	
2160	Patented	BS60 Reel	250-450 kg Z2	
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2160	Patented	BS60 Reel	250-450 kg Z2	
2160	Patented	BS60 Reel	250-450 kg Z2	
2160	Patented		250-450 kg Z2	
2160	Patented		250-450 kg Z2	
2160	Patented - W/R		250-450 kg Z2	
2160	Patented - W/R		250-450 kg Z2	
2160	Patented - W/R			
2160	Patented - W/R			
2160	Patented - W/R			
				500-1000 kg Z3
				500-1000 kg Z3
				500-1000 kg Z3



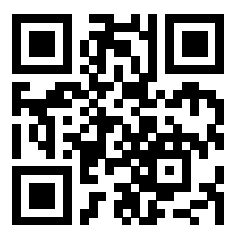
BS60-METAL CABLE DRUM

Metalic Spool 25 kg

- K = 255
- L = 117
- M = 167
- N = 153
- O = 16 & 33
- Q = 43
- P = 3X13

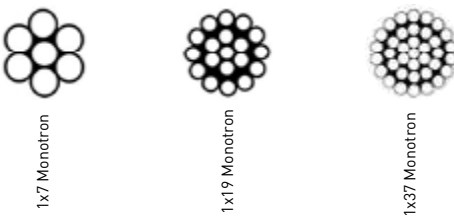


STEEL WIRE ROPE

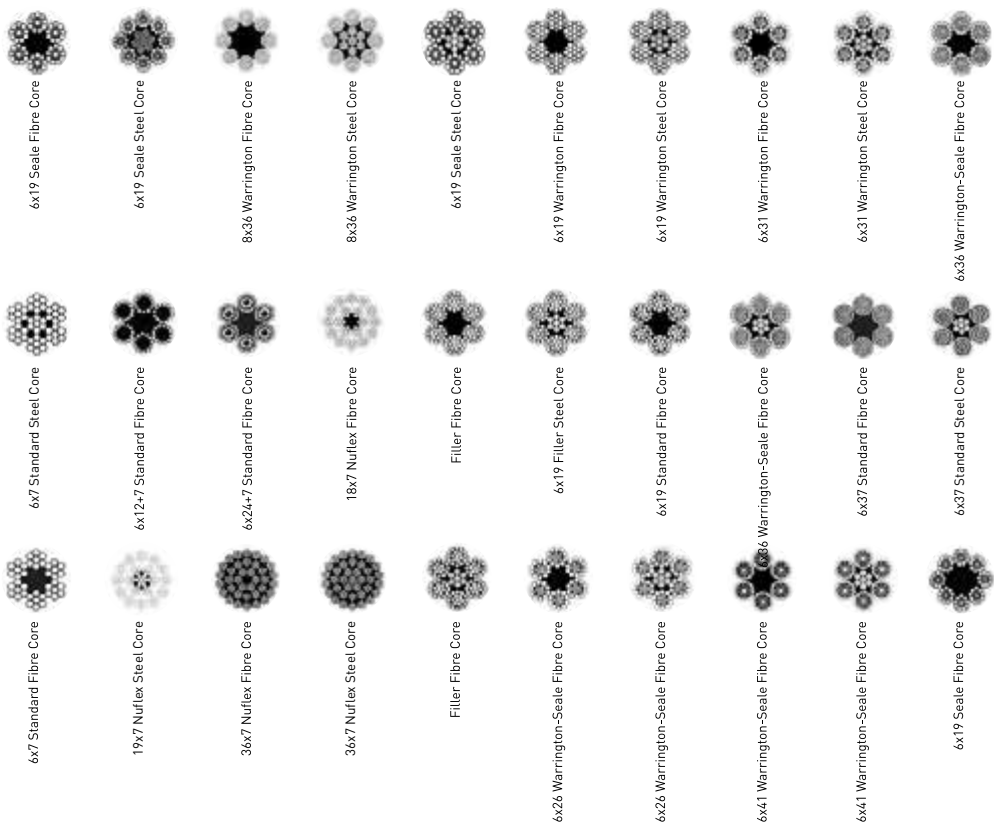
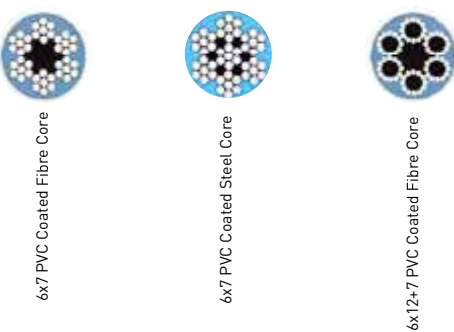


MULTIPLE-WIRE CABLES

MONOTRON STEEL ROPES



PVC-COATED STEEL ROPES



Fishing Ropes (EN12385)		
8.00	mm	6x7 Galvanized
10.00	mm	6x7 Galvanized
12.00	mm	6x7 Galvanized
14.00	mm	6x7 Galvanized
16.00	mm	6x7 Galvanized
14.00	mm	6x19 Seale Galvanized
16.00	mm	6x19 Seale Galvanized
18.00	mm	6x19 Seale Galvanized
20.00	mm	6x19 Seale Galvanized
22.00	mm	6x19 Seale Galvanized

Crane Ropes (EN12385)		
10.00	mm	6x36 WS
12.00	mm	6x36 WS
14.00	mm	6x36 WS
16.00	mm	6x36 WS
18.00	mm	6x36 WS
18.00	mm	6x36 WS
20.00	mm	6x36 WS
20.00	mm	6x36 WS
22.00	mm	6x36 WS
24.00	mm	6x36 WS
26.00	mm	6x36 WS
28.00	mm	6x36 WS

Automotive Ropes			
(Standard According to Customer Requirement)			
1x7	Composition	1,50 mm - 10,00 mm	
1x19	Composition	1,50 mm - 20,00 mm	
1x25	Composition	3,00 mm - 5,00 mm	
1x37	Composition	3,00 mm - 6,00 mm	
7x19	Composition	6,00 mm - 20,00 mm	

General Application Ropes (EN12385)			
6.00	mm	6x19 Standard	
8.00	mm	6x19 Standard	
10.00	mm	6x19 Standard	
12.00	mm	6x19 Standard	
14.00	mm	6x19 Standard	
16.00	mm	6x19 Standard	
18.00	mm	6x19 Standard	
20.00	mm	6x19 Standard	
22.00	mm	6x19 Standard	
24.00	mm	6x19 Standard	

Tower Crane Ropes (EN12385)		
6.00	mm	19x7 Non-Rotating
8.00	mm	19x7 Non-Rotating
10.00	mm	19x7 Non-Rotating
12.00	mm	19x7 Non-Rotating
14.00	mm	19x7 Non-Rotating
16.00	mm	19x7 Non-Rotating
18.00	mm	19x7 Non-Rotating

Elevator Ropes (EN12385)		
8.00	mm	8x19 Seale
10.00	mm	8x19 Seale
11.00	mm	8x19 Seale
12.00	mm	8x19 Seale
6.00	mm	6x19 Standard (Regulator Rope)
6.00	mm	6x12+7 (Regulator Rope)

Highway Ropes (EN12385)		
(Standard According to Customer Requirement)		
19.00	mm	1x19
19.00	mm	3x7

Notes: we can also produce steel wire ropes according to our valuable customer's requirements. We've started to produce Glozy products. (95% Zinc, 5% Aluminium) and trial orders are also started.

*Please contact us if you have any requests for fibre or steel core cables with different constructions.

ACSR ROPE



Material	High-carbon steel wire
Coating	Hot-dip galvanized (Zn)
Wire Diameter	1,33-5,00 mm
Coating Thickness	Between 100 gr/m ² and 350 gr/m ²
Tensile Strength	1240-1770 N/mm ²
Coil Weight	400-1200 kg
Packaging	Multiples of 1000 meters packed around 500-mm and 1300-mm spool
Areas of Use	Overhead line conductors, the agriculture industry
Standards	EN 50189-ASTM B498
Construction	1x7-1x19 (1+6+12)

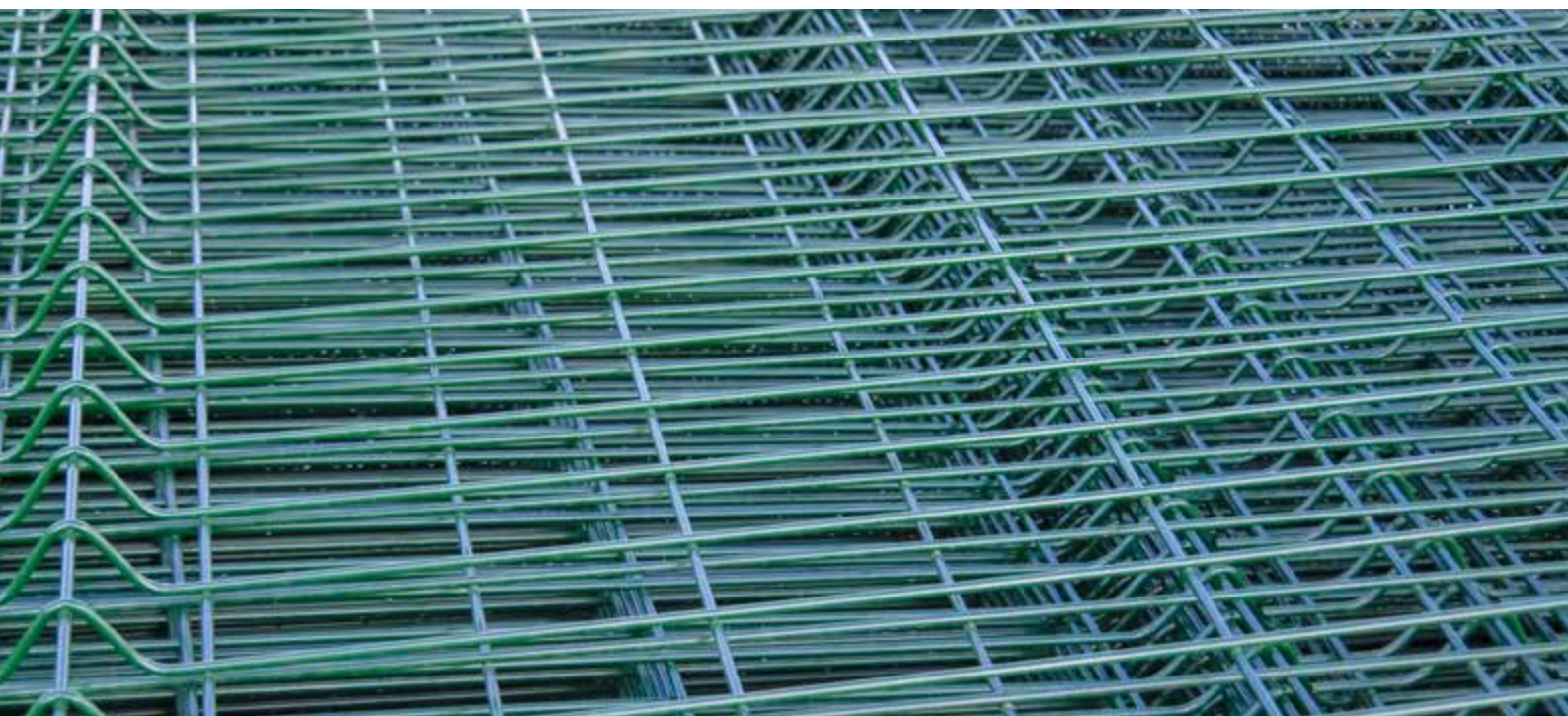


TRAGEN-ELEVATOR ROPE



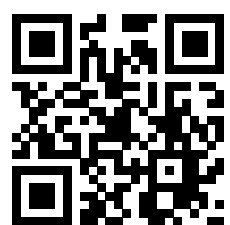
Diameter (mm)	6.5
	8
	10
	12
	14
	16
	18
Construction	8X19 Warrington (8x(1+6+6+6))
	8X19 Seale (8x(1+9+9))
	8X19 Seale (8x(1+9+9)) Dual Tensile
Strenght (N/mm ²)	1370
	1770



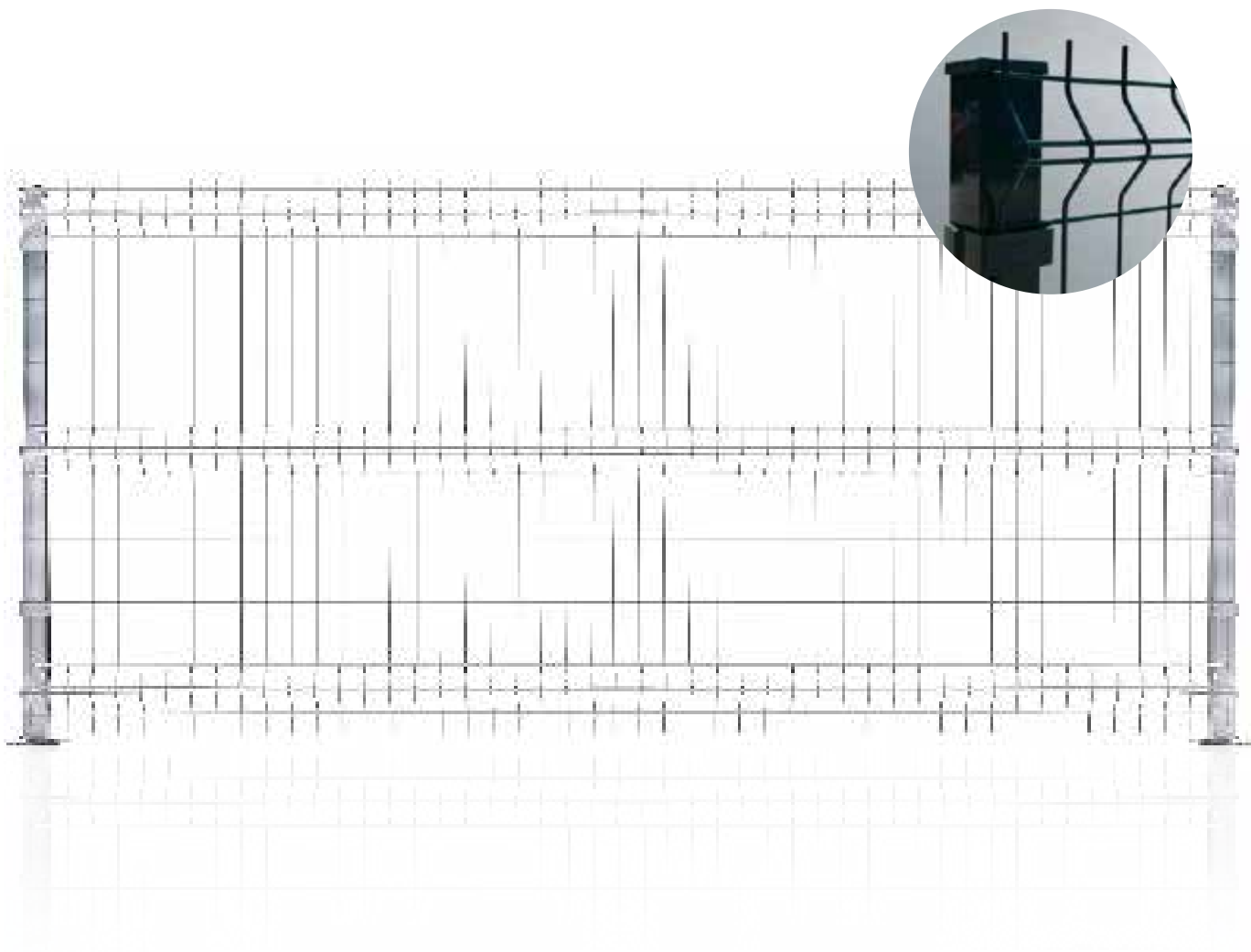


ENVIRONMENT AND SECURITY SYSTEMS

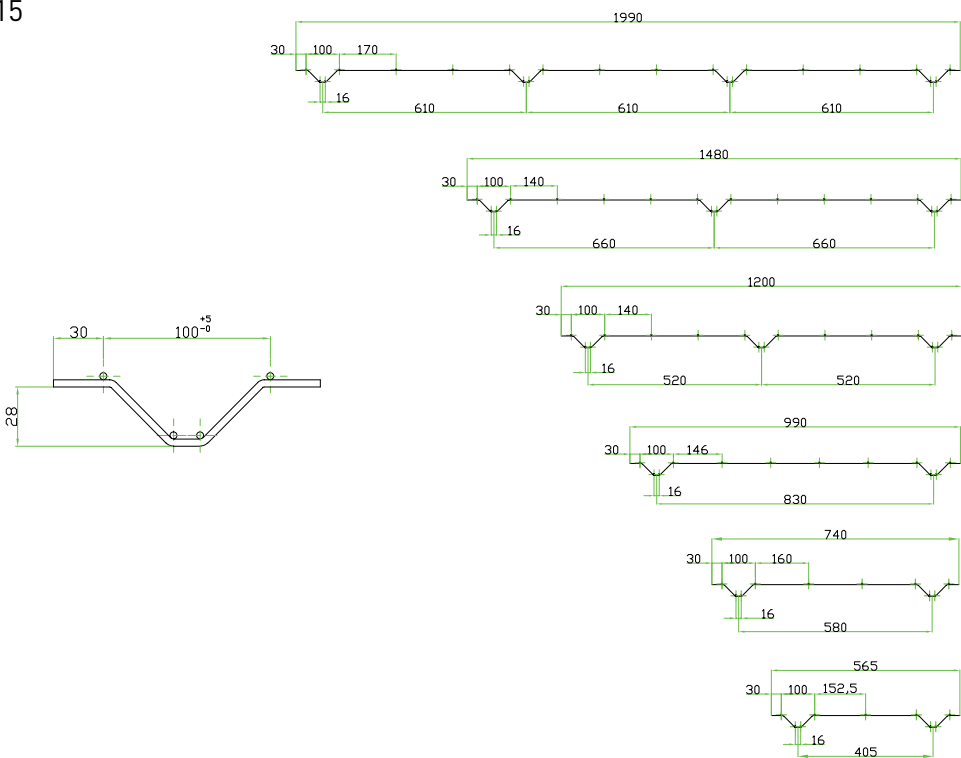
PANADORF 3D



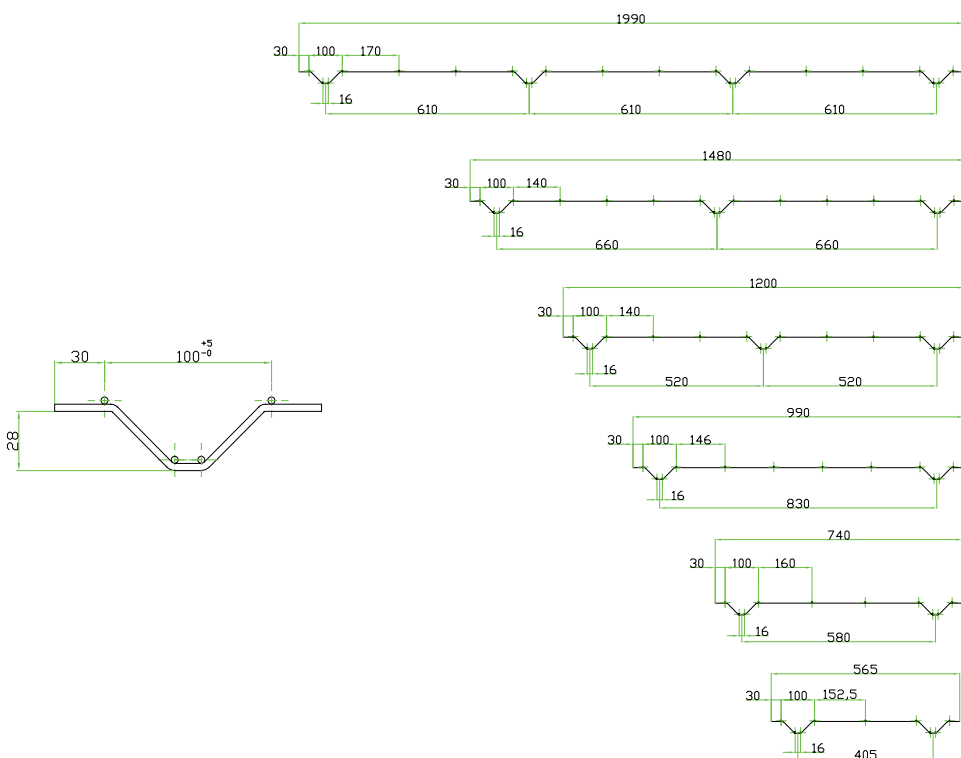
Areas of Use	These fence components are used to create private gardens, walled-in spaces and special indoor and outdoor areas with decorative purposes.
Primary Color	RAL 6005 GREEN
Color Alternatives	The primary color fo all PANADORF 3D series components, which are manufactured pre-painted, is RAL 6005 GREEN and the components can be produced in different colors in case of sufficient demand.
Production Properties	These can be supplied in unpainted, galvanized or black forms.



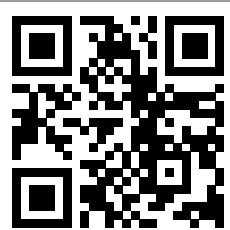
Line wire 5 x 15



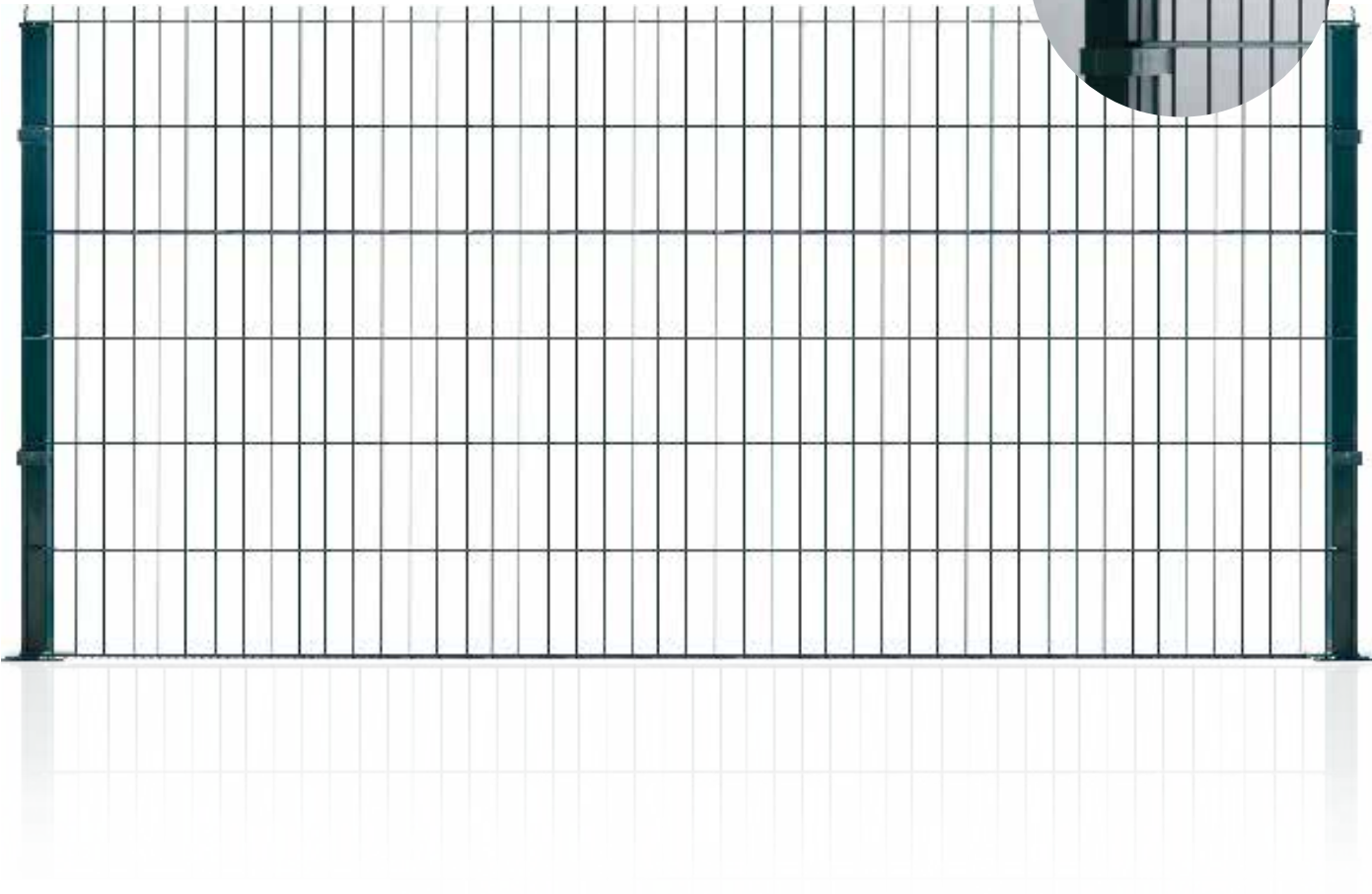
Line wire 6 x 15



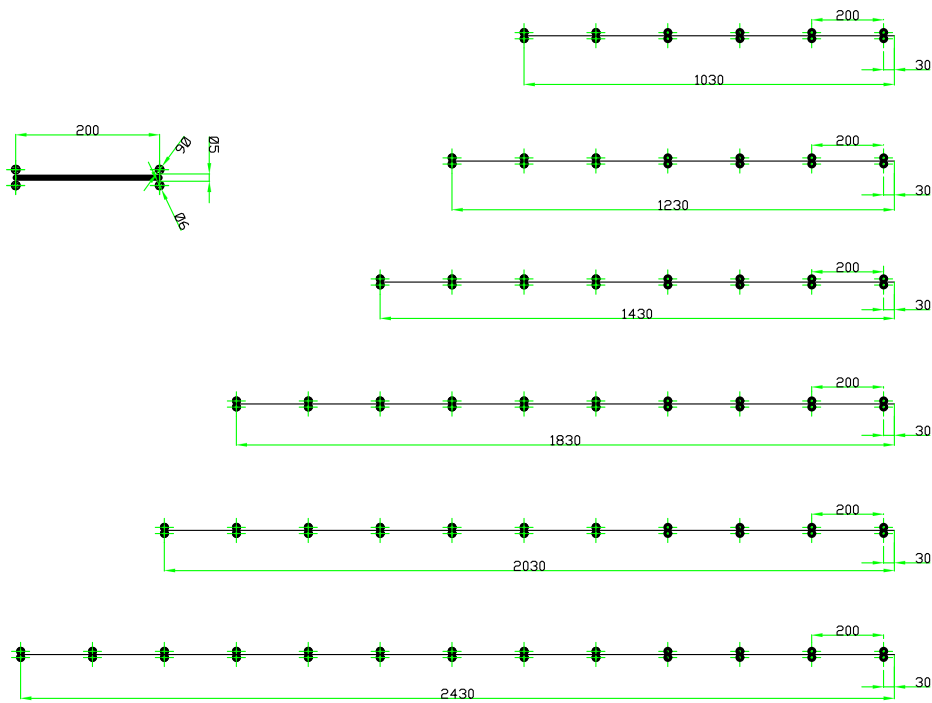
PANADORF DOUBLE



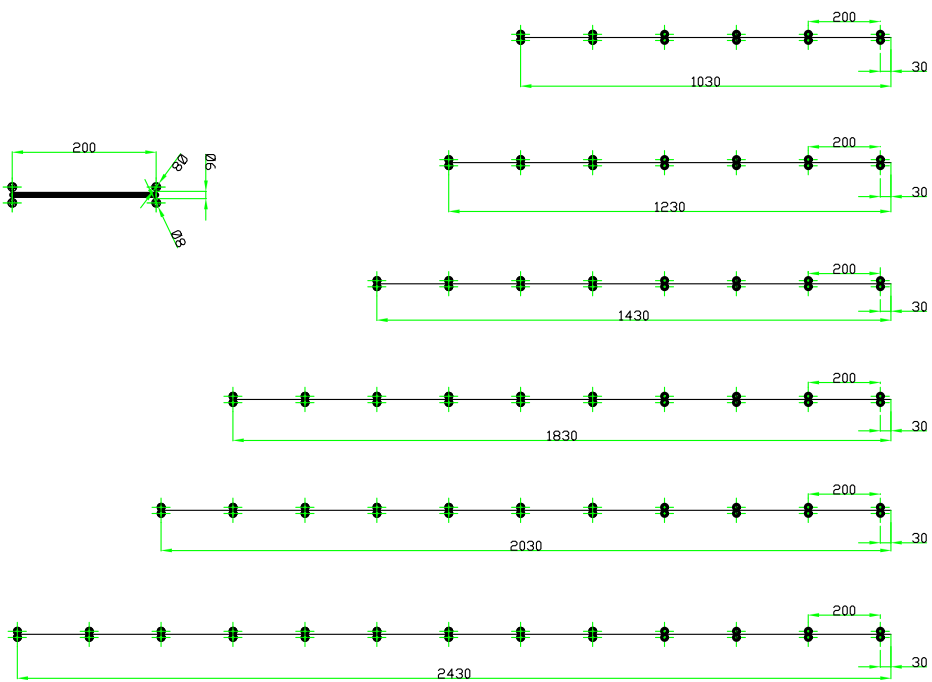
Areas of Use	These components are used for defining the boundaries and securing the perimeter around areas with high security requirements, spaces used for infrastructure and transport services and public areas, as well as industrial and agricultural areas. They are also used to prevent or impede the entry of people and animals to such areas. While offering these benefits, they also ensure for the said places and areas to have an image that is conformity with their surroundings
Primary Color	RAL 6005 GREEN
Color Alternatives	The primary color fo all PANADORF DOUBLE series components, which are manufactured pre-painted, is RAL 6005 GREEN and the components can be produced in different colors in case of sufficient demand.
Production Properties	These can also be provided without paint, in galvanized form.

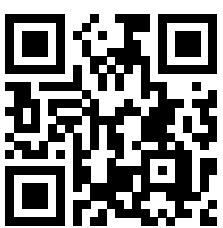


Line wire 54-200 6x5x6



Line wire 54-200 8x6x8





Areas of Use

These components are used for defining the boundaries and securing the perimeter around areas with high security requirements, spaces used for infrastructure and transport services and public areas, as well as industrial and agricultural areas. They are also used to prevent or impede the entry of people and animals to such areas. While offering these benefits, they also ensure for the said places and areas to have an image that is conformity with their surroundings

Primary Color

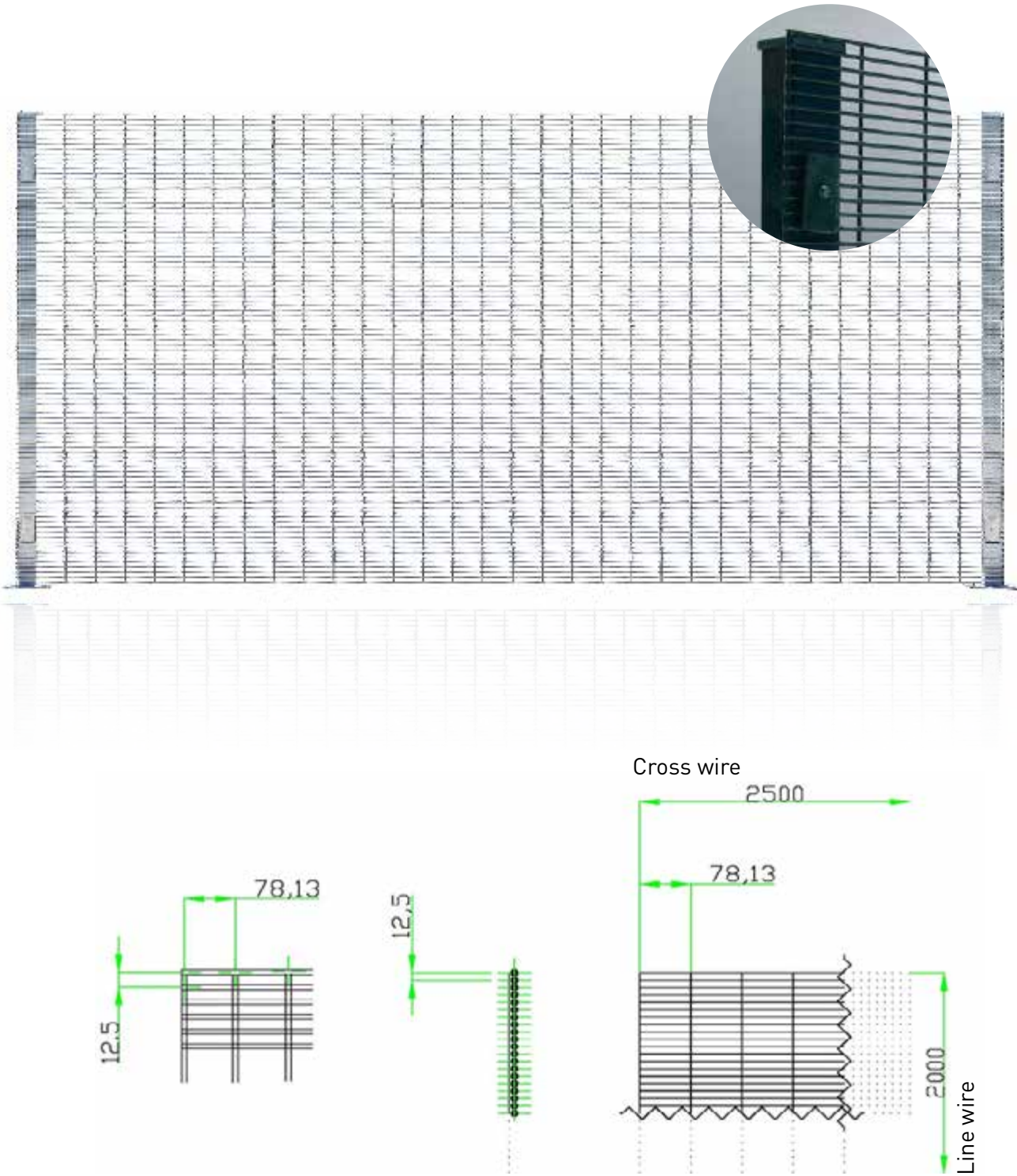
The primary color fo all PANADORF SECURE series components, which are manufactured pre-painted, is RAL 6005 GREEN and the components can be produced in different colors in case of sufficient demand.

Color Alternatives

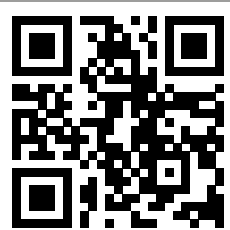
These can also be provided without paint, in galvanized form.

Production Properties	MESH SIZE	
	HORIZONTAL	VERTICAL
	76,2	12,7
	COMPONENT MEASUREMENTS	
	HEIGHT	LENGHT
	2.000	2.000
	2.500	2.500
	CROSS WIRE / LINE WIRE	
	DIAMETER in mm	
	4,00	4,00
	4,00	4,00

Note: The measurements in the table are STANDARD INVENTORY measurements and its possible for components to be produced at the measurements required by customers upon request. The delivery dates for the custom-manufactured components depend on the production schedule at the time of the order.



PANADORF EURO



Areas of Use

The product is used for establishing the boundaries and securing the perimeter of residences, gardens, public areas, industrial facilities and agricultural spaces. It is also used as fencing for creating and protecting personal, private and public areas and forming gardens, walled-in areas, indoor or outdoor sections for decorative purposes.

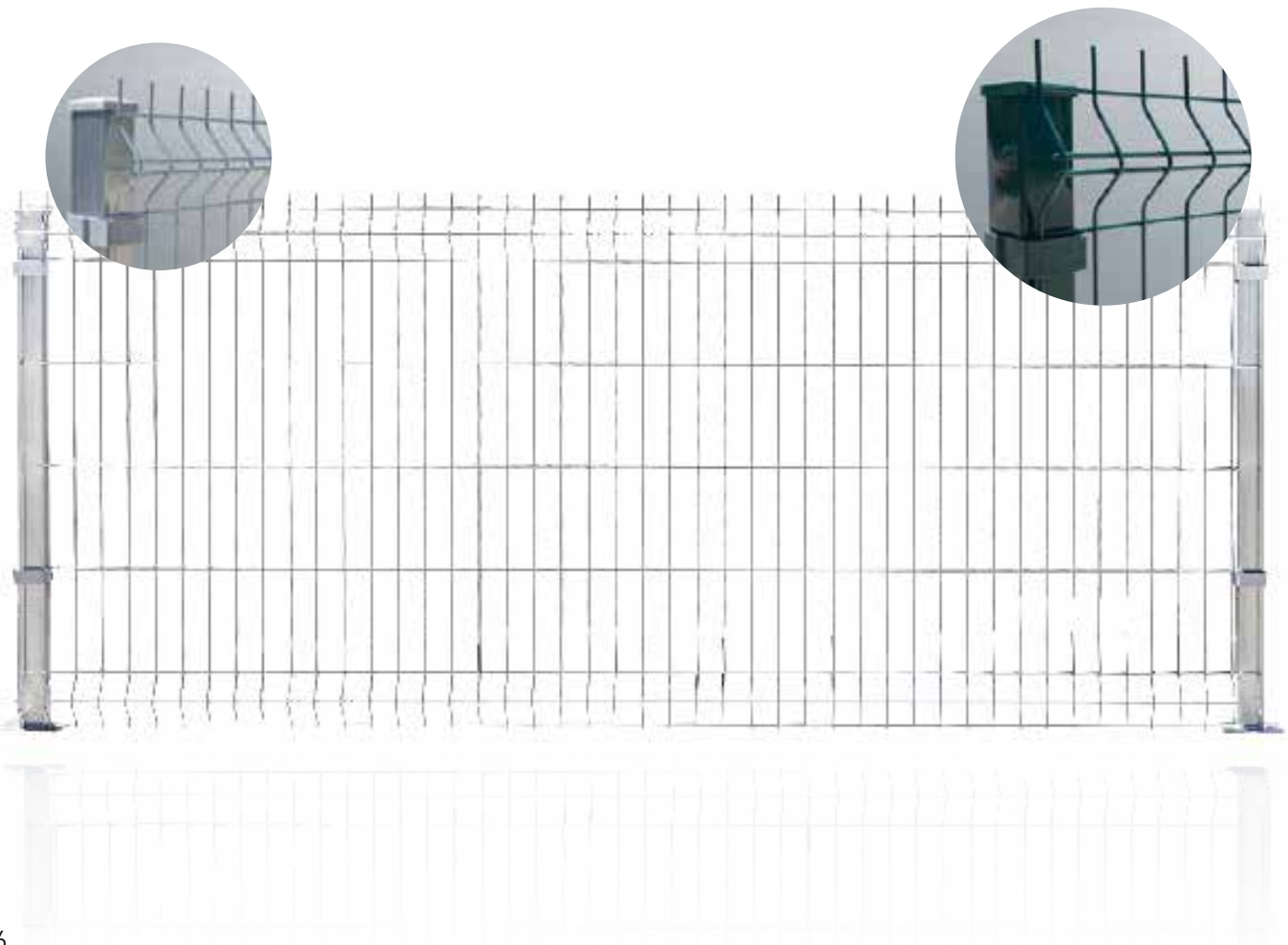
Primary Color

RAL 6005 GREEN

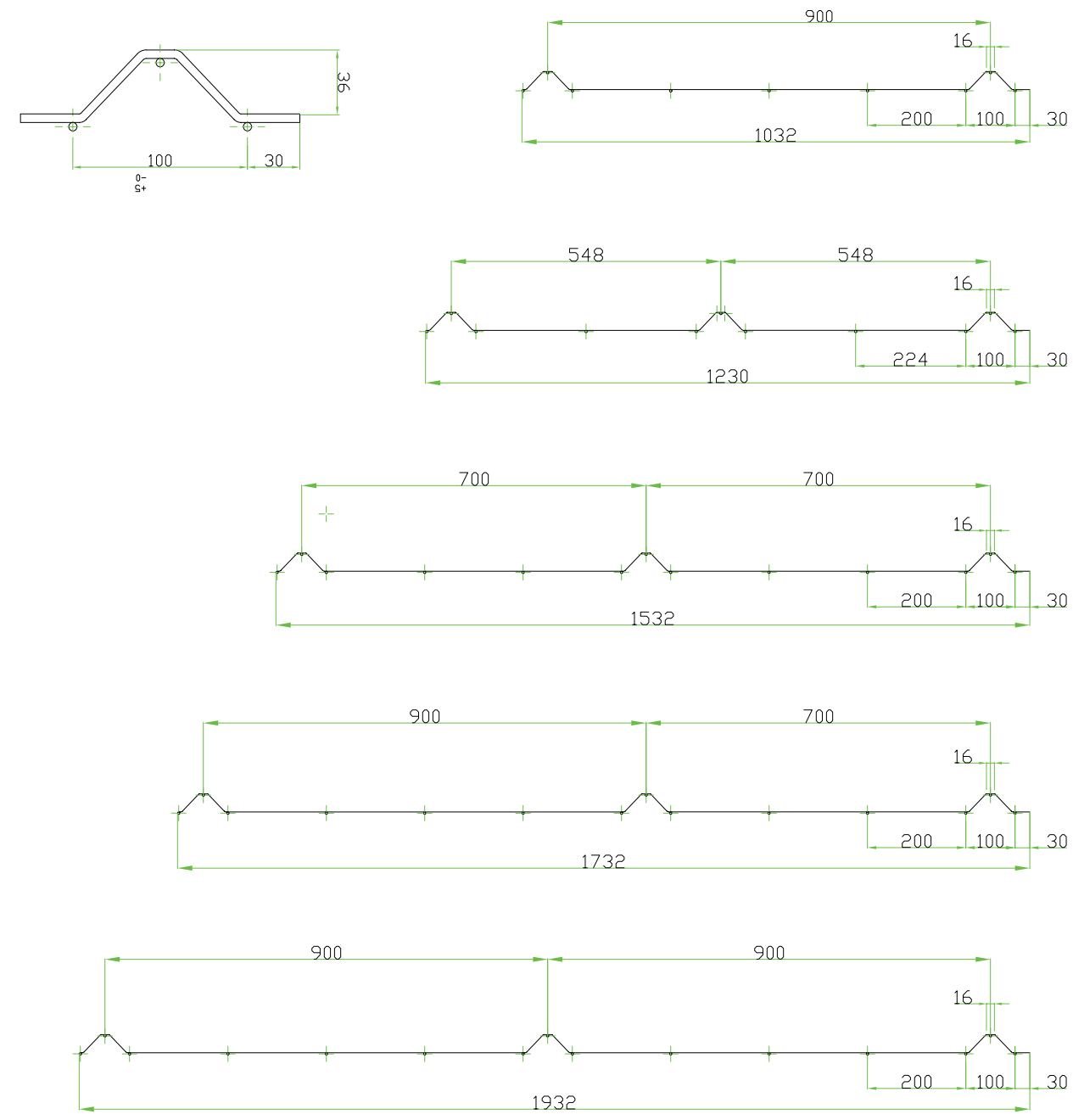
Color Alternatives

The primary color for all PANADORF EURO series components, which are manufactured pre-painted, is RAL 6005 GREEN and the components can be produced in different colors in case of sufficient demand. These can also be provided without paint, in galvanized form.

Production Properties	Mesh size	50 X 200 mm / 55 X 200 mm
	Wire diameter	4,00 mm - 5,00 mm
	Height	830 mm - 2.930 mm
	Horizontal length	2000 mm - 2500 mm
	Color	All RAL 6005 range of colors or galvanized only



Line wire





INDUSTRIAL PRODUCTS

BARBED WIRE IOWA



Material	Özyaşar galvanized barbed wire is a perfect product for challenging conditions with its flawless coating, deterring barbs and a long service life			
Advantages	Thanks to its durable structure, the product can be used in wide areas with very little support and provide significant cost efficiency.			
Properties	Perimeter Wire	Barb Wire	Packaging	Barb Intervals
IOWA	1,70 mm	1,70 mm	250 m - 500 m	10 cm
IOWA Basic	2,00 mm	2,00 mm	250 m - 500 m	10 cm
IOWA Classic	2,50 mm	2,00 mm	250 m - 500 m	10 cm

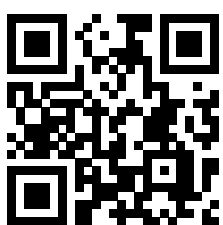
BARBED WIRE RT



Material	Özyaşar galvanized barbed wire is a perfect product for challenging conditions with its flawless coating, deterring barbs and a long service life				
Advantages	Thanks to its durable structure, the product can be used in wide areas with very little support and provide significant cost efficiency.				
Properties	Perimeter Wire	Barb Wire	Packaging	Barb Intervals	Zinc Amount
RT Classic	1,70 mm	1,70 mm	250 m - 500 m	10 cm	Min. 50 gr/m²
RT Basic	2,00 mm	2,00 mm	250 m - 500 m	10 cm	Min. 50 gr/m²
RT Premium	2,50 mm	2,00 mm	250 m - 500 m	10 cm	TSE - Class A



RAZOR WIRE





Razor wire types	45 cm spiral 60 cm spiral 90 cm spiral 45 cm straight 60 cm straight 90 cm straight Straight-line razor wire
Areas of Use	This is a product commonly used in areas that require high security, such as military areas and industrial facilities. It offers high physical security with its sharp blades while also serving psychological deterrent.



CUT LENGHT WIRE

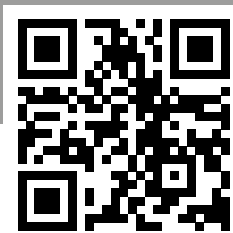


Ribbed Cut Lenght Wire	This product, which is manufactured through straightening of cold drawn wire and cutting of the straightened wire in various lenghts for th construction sector, is used as reinforcement material within concrete pillars
Properties	Ribbed cut lenght ensure for time and funds to be saved by means of their easy transport and application.
	Range of Diameters : 4 mm - 5 mm - 6 mm Size : 1000 mm - 6000 mm Pallet : 1000 kg - 3000 kg
Galvanized Cut Lenght Wire	It is manufactured through straightening of galvanized wire and cutting of the straightened wire in various lenghts.
Areas of Use	This product is used in production of wire fencing and meshes in the construction industry, manufacturing of grills, shelves and baskets in the major appliances industry and providing frames for greenhouse covers in the agriculture industry.
	Range of Diameters : 2,00 mm - 10,00 mm Size : 500 mm - 6000 mm Tensile Strenght : 350 - 900 N/mm² Pallet : 250 kg - 3000 kg
Annealed Cut Lenght Wire	It is manufactured through straightening of cold drawn wire and cutting of the straightened wire in various lenghts after they are annealed. The product is used in the process of dipping materials in zinc pools at facilities where galvanization is performed through dipping.
Areas of Use	This product is used in production of wire fencing and meshes in the construction industry, manufacturing of grills, shelves and baskets in the major appliances industry and providing frames for greenhouse covers in the agriculture industry.
	Range of Diameters : 2,00 mm - 7,00 mm Size : 1000 mm - 6000 mm Tensile Strenght : 350 - 480 N/mm² Pallet : 1000 kg - 3000 kg



AGRICULTURE

CHAIN LINK FENCE



PVC

We provide extre protection for customers who wish a longer service life in addition to economy in a security product by coating galvanized spiral wires with PVC.

Areas of Use

These are areas where PVC-coated spiral wires are used frequently, such as highways, railways, fields, residential areas and parking lots.



Wire Diameter	Strenght
Between 3,00 mm and 3,50 mm	350-500 N/mm ²
Zinc Coating	Mesh Size
50 g/m ²	50 mm /60 mm / 75 mm

Areas of Use

The fence components manufactured with galvanized wires can be used safely for many years by means of their high corrosion resistance.

Advantages

Easy installation is another reason for these galvanized roll fence components to be preffered.



Wire Diameter	Strenght
Between 3,00 mm and 3,50 mm	350-500 N/mm ²
Zinc Coating	Mesh Size
50 g/m ²	50 mm /60 mm / 75 mm

GREEN FENCE



Properties

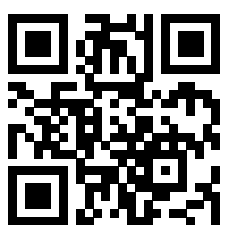
- The artificial hedge mesh is produced with a special PVC wich is particularly fortified against sunlight.
- The products manufactured with galvanized wire that is resistant againts corrosion.
- The artificial hedge is also a non-flammable product with high fire resistance.
- It is easy to install with the help of an assembly team.
- It provides a pleasingly aesthetic look.
- The product is offered in various heights: 100, 120, 150 and 200 cm.
- A single component is 10 meters long.
- The product is sold in square-meters.





CONSTRUCTION

NAIL



Properties

Size : 6 - 8 - 10 cm
Packaging : Boxes of 25 kg
Pallet : Pallets of 1,5 to 2 tons



ACCESSORIES



Profile Bar

Material	Hot-Dip Galvanized Profile Bar
Profile Diameter	50 x 50 - 60 x 60
Profile Thickness	1.50 mm
Paint	Electrostatic powder coated - PVC coated
Fitting	Jacketed steel dowel
Profile Height for Concrete Flooring	50 cm - 75 cm - 100 cm - 120 cm - 150 cm 200 cm - 250 cm



Metal Clip



Plastic Clip



Plastic Clip 1



Plastic Cap



Plastic Clip 2



Metal Clip



Bolt and Nut



Steel Dowel



CERTIFICATES

CERTIFICATES



COKYASAR

GRUP

ADANA

Acidere Mah. Hacı Sabancı Organize Sanayi
Bölgesi İnönü Bulvarı No: 01790
Sarıçam / Adana / TÜRKİYE
Tel : +90 322 394 45 35

SİLİVRİ

Fevzipaşa Mah. Gölet Yolu Cad. 34580
Değirmenköy / Silivri / İstanbul / TÜRKİYE
Tel : +90 212 547 16 45

DÜZCE

D-100 Karayolu Üzeri
Çaybükü Köyü Mevkii Gümüşova
Düzce / TÜRKİYE
Tel : +90 380 731 35 50

MERKEZ OFİS

Seyitnizam Mah. Demirciler Sit.
10. Yol Aydaş İş Merkezi B Blok Kat:1
Zeytinburnu / İstanbul
Tel : +90 212 634 04 44