

## **PRODUCT CATALOG**















# 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 75.000m<sup>2</sup>



# COKYASAR

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

The companies of Çokyaşar Group, 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.







### ÖZYAŞAR WIRE AND GALVANIZING IND. INC.

Özyaşar Wire and Galvanizing Ind. Inc. were founded by our honarary 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 squaere 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, Ozyaşar maintains its mission for the sector with awereness 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.

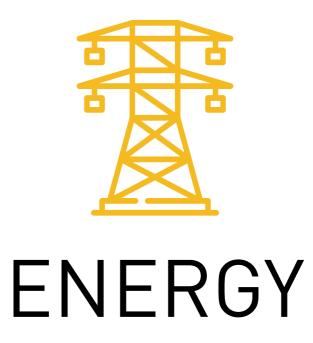
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# STANDARD GALVANIZED WIRE



Material	Low-carbon steel wire
Coating	Hot-dip galvanized (Zn)
Wire Diameter	0,70 - 10,00 mm
Coating Thickness	40-350 g/m²
Tensile Strength	350-500 N/mm², 500-700 N/mm², 700-900 N/mm²
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

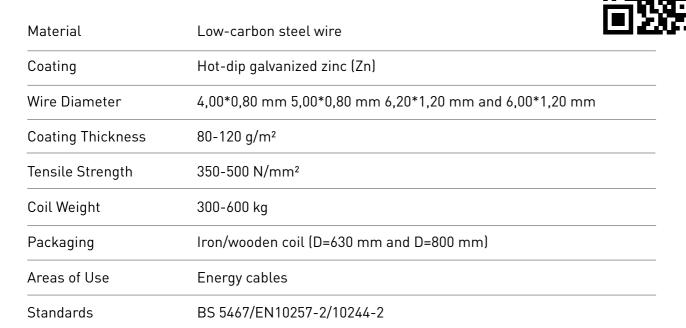


# ARMOURING WIRE

Material	Low-carbon steel wire	ج لڪا ج
Coating	Hot-dip galvanized (Zn)	
Wire Diameter	0,80 - 8,00 mm	
Coating Thickness	112-350 g/m²	
Tensile Strength	350-500 N/mm², 650-850 N/mm², 850-1050 N/mm² 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





# PATENTED GALVANIZED WIRE

Rosette coil, Z2 coil

Production of steel ropes and cord wires

Coil Weight

Packaging

Areas of Use

		i i i i i i i i i i i i i i i i i i i
Material	High-carbon steel wire	
Coating	Hot-dip galvanized (Zn)	
Wire Diameter	1,40 - 6,50 mm	
Coating Thickness	180-350 g/m²	
Tensile Strength	850-2050 N/mm²	
Coil Weight	750-1250 kg	



# PHOSPHATED WIRE

Material	回為	
Coating	Phosphate	
Wire Diameter	1,40-4,50 mm // 0,90-2,50 mm	
Coating Thickness	5-7,5 g/m²	
Tensile Strength	850-1770 N/mm²	
Coil Weight	500-1100 kg	
Packaging	Rosette coil, Z2 coil	
Areas of Use	Steel wire rope	



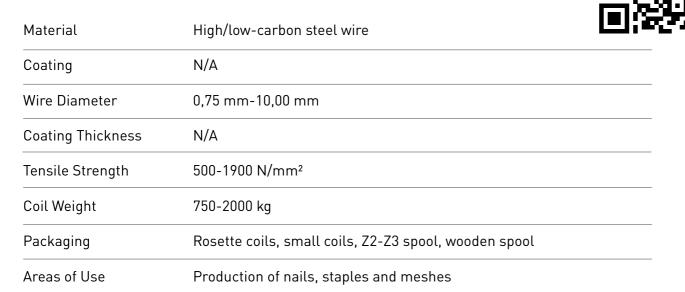
# ACSR WIRE



Material	High-carbon steel wire
Coating	Hot-dip galvanized (Zn)
Wire Diameter	1,33 - 4,50 mm
Coating Thickness	180-320 g/m²
Tensile Strength	1300-1600 N/mm²
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



# PVC COATED WIRE

Material				
Coating	Hot-dip galvanized			
Wire Diameter	2,70 - 4,50 mm			
Coating Thickness	40-350 g/m²			
Tensile Strength	350-520 N/mm²			
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/mm²	
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/mm²
Coil Weight	Max. 48 kg
Packaging	In small coils
Areas of Use	The agriculture, recycling and packaging/cardboard industries



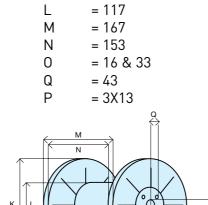
# SPRING WIRE



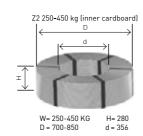
Diameter	Tolerance	Ovality	TS ( N/mm²)	BL (N)	Twist / Tortion (cycle)	Packaging Properties	Carbon (%)
	MinMax.	Max.	MinTarget-Max	MinMax.	Min.		
1.30 (C45)	+/- 0,02	15	1620 - 1715 - 1810	2149 - 2401	33	KGB - 600 - 800 KG	0.45%
1.40 (C45)	+/- 0,02	15	1620 - 1715 - 1810	2492 - 2785	33	KGB	0.45%
1.50 (C65)	+/- 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%

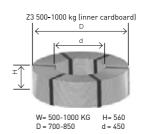
Standard: EN10270

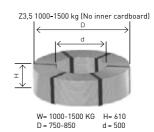


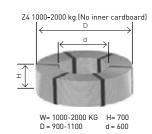


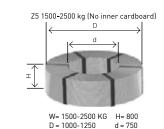
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Production Technique	Steel wires which are cold-rolled with the dry or wet drawing techniques can be manufactures at any standard, galvanized, phosphated or patented.				
Use	The product is used by manufacturers of industrial springs, control cables 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/mm²	1130 - 2550 N/mm²	1540 - 2830 N/mm²		
Packaging	Coil, Z2 and Z3 with cardboard cores				

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

# SPRING WIRE

# BRIGHT WIRE











h=	130-	140	D=	490	d=	

h= 130-140 D= 490 d= 350

0 d= 350 h= 130-140 D= 490 d

Dia (mm)		Qualit 0270-		Туре		P	acking Type and Weig	hts	
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	1500-2500 kg Z5
4.50	SL	SM	SH	Phosphated	150-250 kg coil	500-1000 kg Z3	1000-1500 kg Z3,5	1000-2000 kg Z4	1500-2500 kg Z5
5.00	SL	SM	SH	Phosphated	150-250 kg coil	500-1000 kg Z3	1000-1500 kg Z3,5	1000-2000 kg Z4	1500-2500 kg Z5
5.50	SL	SM	SH	Phosphated	150-250 kg coil	500-1000 kg Z3	1000-1500 kg Z3,5	1000-2000 kg Z4	1500-2500 kg Z5
6.00	SL	SM	SH	Phosphated		500-1000 kg Z3	1000-1500 kg Z3,5	1000-2000 kg Z4	1500-2500 kg Z5
6.50	SL	SM	SH	Phosphated	-	500-1000 kg Z3	1000-1500 kg Z3,5	1000-2000 kg Z4	1500-2500 kg Z5
7.00	SL	SM	SH	Phosphated	-	500-1000 kg Z3	1000-1500 kg Z3,5	1000-2000 kg Z4	1500-2500 kg Z5
7.50	SL	SM	SH	Phosphated	250-450 kg coil	500-1000 kg Z3	1000-1500 kg Z3,5	1000-2000 kg Z4	1500-2500 kg Z5
8.00	SL	SM SM	SH	Phosphated	250-450 kg coil		1000-1500 kg Z3,5	1000-2000 kg Z4	1500-2500 kg Z5
9.00	SL	SM	SH	Phosphated	250-450 kg coil		1000-1500 kg Z3,5	1000-2000 kg Z4	1500-2500 kg Z5
9.50	SL	SM	SH	Phosphated Phosphated	250-450 kg coil 250-450 kg coil		1000-1500 kg Z3,5	1000-2000 kg Z4 1000-2000 kg Z4	1500-2500 kg Z5 1500-2500 kg Z5
	_						-		
10.00	SL	SM	SH	Phosphated	250-450 kg coil		1000-1500 kg Z3,5	1000-2000 kg Z4 1000-2000 kg Z4	1500-2500 kg Z5
10.50		SM SM	SH	Phosphated Phosphated	250-450 kg coil 250-450 kg coil		1000-1500 kg Z3,5	1000-2000 kg Z4	1500-2500 kg Z5
-		SM	SH		250-450 kg coil		1000-1500 kg Z3,5		1500-2500 kg Z5
11.50		SM	SH	Phosphated Phosphated			1000-1500 kg Z3,5 1000-1500 kg Z3,5	1000-2000 kg Z4	1500-2500 kg Z5
-		SM	211		250-450 kg coil		-	1000-2000 kg Z4	1500-2500 kg Z5
12.50				Phosphated	250-450 kg coil	250-450 kg soil	1000-1500 kg Z3,5	1000-2000 kg Z4	1500-2500 kg Z5
13.00	I	SM	I	Phosphated	250-450 kg coil	250-450 kg coil	1000-1500 kg Z3,5	1000-2000 Kg Z4	1500-2500 kg Z5

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

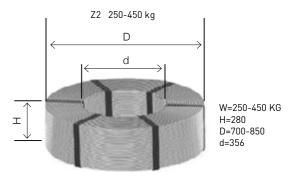


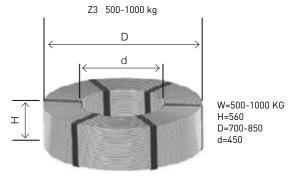
DIA (mm)	COATING		1	570 N/mm²	1770 N/mm <sup>2</sup>		1960 N/mm <sup>2</sup>	
0.20	Phosphated	Galvanized			-			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
0.25	Phosphated	Galvanized					1960	Patented
0.30	Phosphated	Galvanized			1770	Patented	1960	Patented
0.35	Phosphated	Galvanized	1570	Patented	1770	Patented	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 <sup>2</sup>		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	
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		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		250-450 kg Z2	
2160	Patented - W/R			
2160	Patented - W/R			
2160	Patented - W/R			
2160	Patented - W/R			500-1000 kg Z3
				500-1000 kg Z3
				500-1000 kg Z3

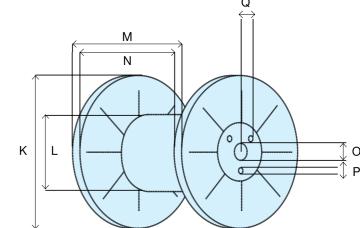




### BS60-METAL CABLE DRUM

Metalic Spool 25 kg

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



 $\frac{22}{2}$ 

# STEEL WIRE ROPE



### MONOTRON STEEL ROPES







### PVC-COATED STEEL ROPES

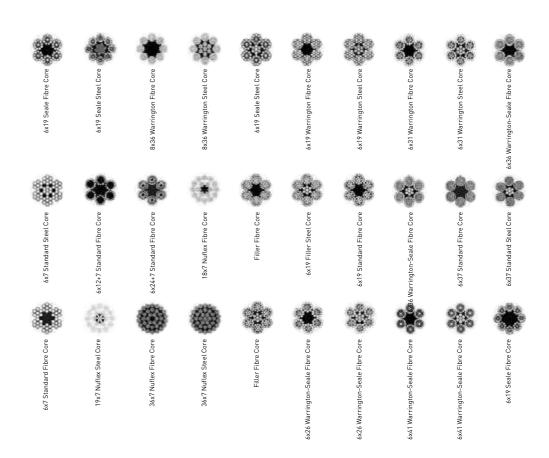








# MULTIPLE-WIRE CABLES



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		
22.00	mm	6x36 WS		
24.00	mm	6x36 WS		
26.00	mm	6x36 WS		
28.00	mm	6x36 WS		

	Automo			Tower	
(	Standard Acco		6.00	mm	
Requirement)				8.00	mm
1x7	Composition	1,50 mm - 10,00 mm		10.00	mm
x19	Composition	1,50 mm - 20,00 mm		12.00	mm
x25	Composition	3,00 mm - 5,00 mm		14.00	mm
x37	Composition	3,00 mm - 6,00 mm		16.00	mm
x19	Composition	6,00 mm - 20,00 mm		18.00	mm

General Application Ropes (EN12385)						to
6.00	mm	6x19 Standard	8	.00	mm	I
3.00	mm	6x19 Standard	10	00.0	mm	I
0.00	mm	6x19 Standard	11	.00	mm	Ī
2.00	mm	6x19 Standard	12	2.00	mm	Ī
4.00	mm	6x19 Standard	-6	.00	mm	1
6.00	mm	6x19 Standard	6	.00	mm	1
8.00	mm	6x19 Standard				_
0.00	mm	6x19 Standard	_		Highw	-
0.00		6x19 Standard	_	(Stan	dard Acc	اد
2.00	mm	6X19 Standard	19	9.00	mm	ı
4.00	mm	6x19 Standard	19	9.00	mm	t
				,,,,,		1

	lower Cr	ane Ropes (EN 12363)
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)				
10.				

(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. We2ve strated to produce Glozy products. (%95 Zinc, %5 Aluminium) and trial orders are also started.

<sup>\*</sup>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/m² and 350 gr/m²
Tensile Strength	1240-1770 N/mm²
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/mm²)	1370	
	1770	











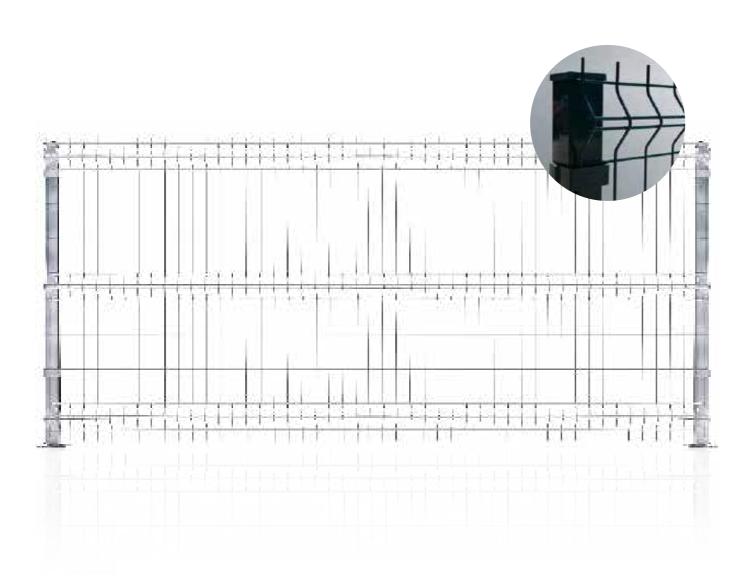


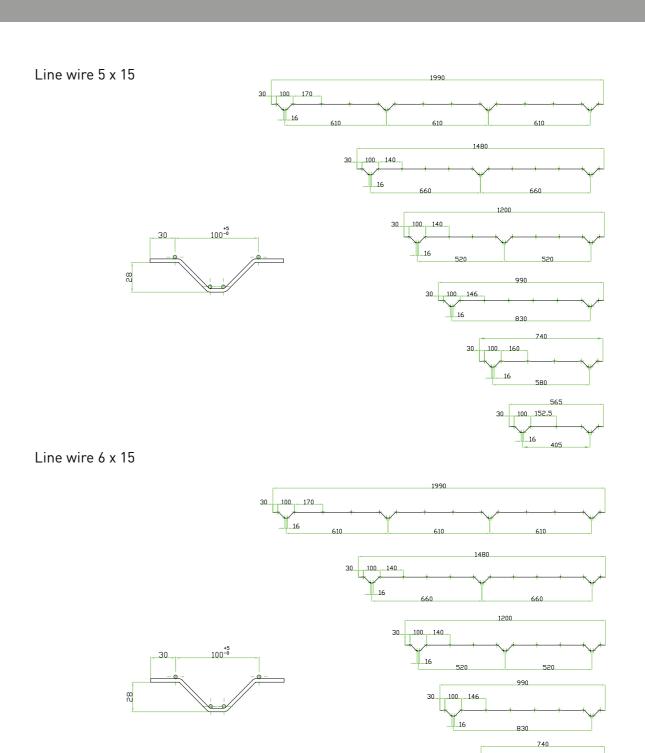
# ENVIRONMENT AND SECURITY SYSTEMS

# PANADORF 3D



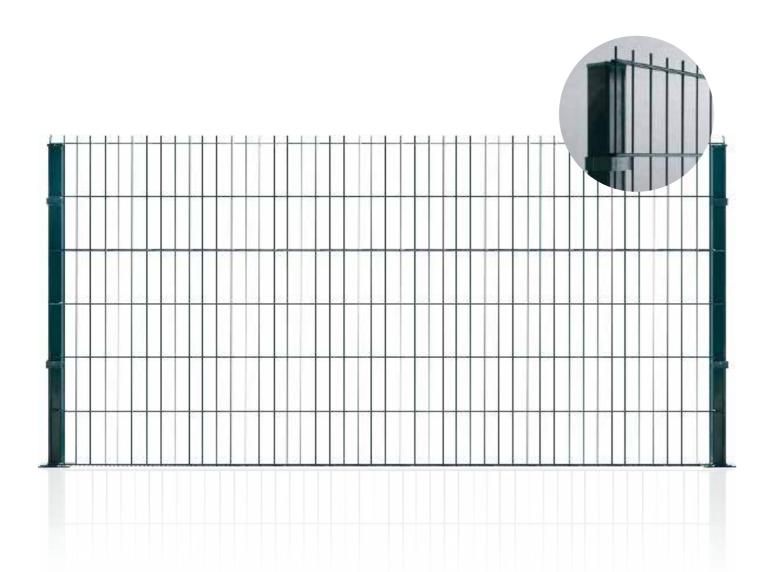
Areas of Use	These fence components are used to create private gardens, walled-in spaces and special indoor and outdoor areas with decorative purposes.
Primary Color	RAL 6005 GREEN
Color Alternatives	The primary color fo all PANADORF 3D series components, which are manufactured pre-painted, is RAL 6005 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.



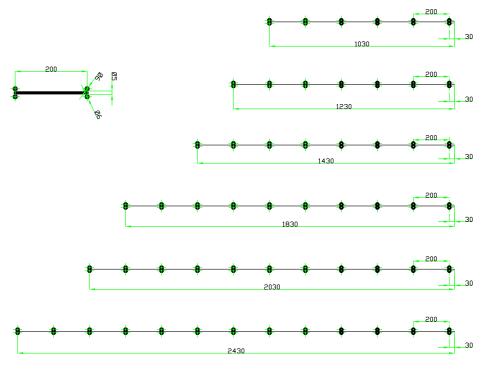


# PANADORF DOUBLE

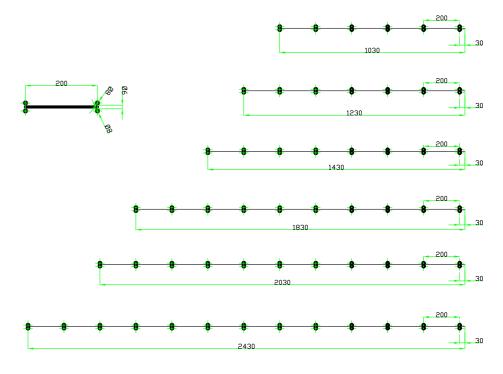
Areas of Use	These components are used for defining the boundaries and securing the perimeter around areas with high security requirements, spaces used for infrastructure and transport services and public areas, as well as industrial and agricultural areas. They are also used to prevent or impede the 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



# PANADORF SECURE

### 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	

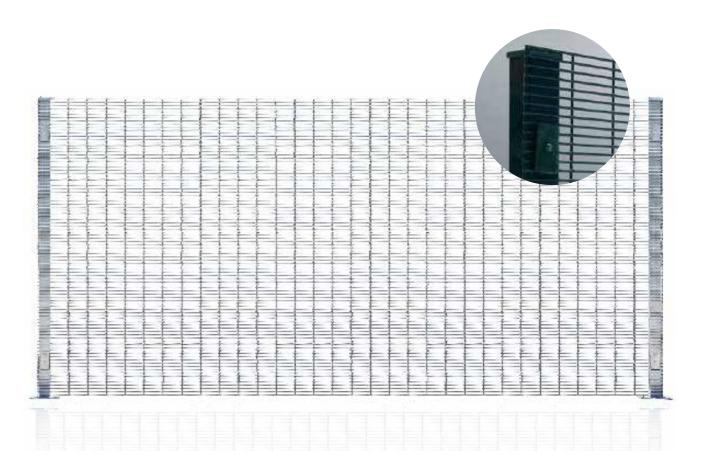
### **COMPONENT MEASUREMENTS**

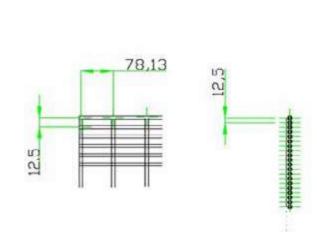
HEIGHT	LENGHT
2.000	2.000
2.500	2.500

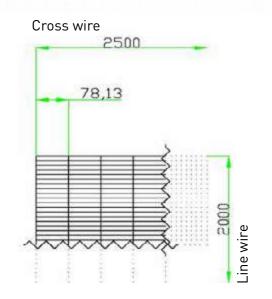
### CROSS WIRE / LINE WIRE

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 fcilities 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

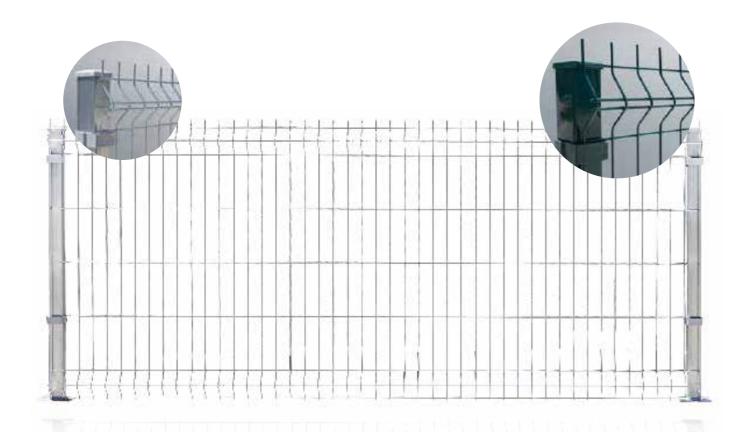
Color Alternatives The primary color fo all PANADORF EURO series components,

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,

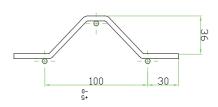
in galvanized form.

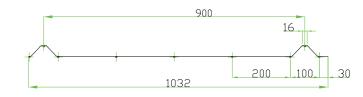
**Production Properties** 

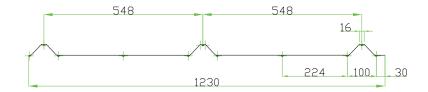
Mesh size	50 X 200 mm / 55 X 200 mm
Wire diameter	4,00 mm - 5,00 mm
Height	830 mm - 2.930 mm
Horizontal length	2000 mm - 2500 mm
Color	All RAL 6005 range of colors or galvanized only

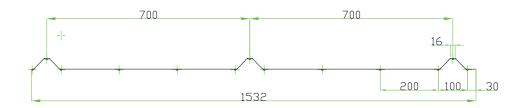


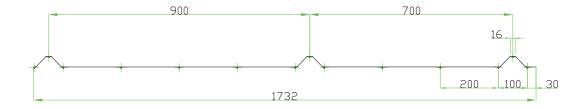
### Line wire

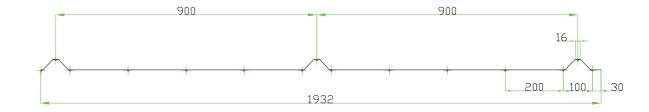






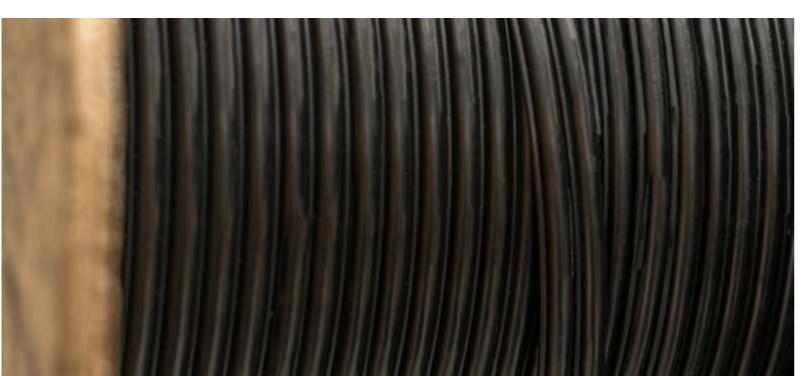


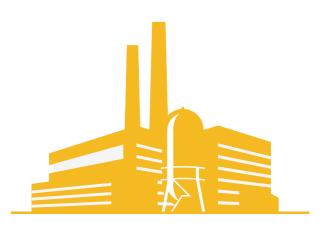












# INDUSTRIAL PRODUCTS

# 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 Ba	arb 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 dur with very little su		•		
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 pyschological 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 lengths.

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

Size : 500 mm - 6000 mr 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









# 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

350-500 N/mm<sup>2</sup>

and 3,50 mm

Zinc Coating

Mesh Size

50 g/m<sup>2</sup>

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

350-500 N/mm<sup>2</sup>

and 3,50 mm

Zinc Coating Mesh Size

50 g/m<sup>2</sup>

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.











# 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 1



Plastic Clip 2



Bolt and Nut



Plastic Clamp



Plastic Cap



Metal Clip



Steel Dowel









# CERTIFICATES

# CERTIFICATES













### **ADANA**

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