



ASLANLI TEL SANAYİ

PRODUCT 2016
CATALOG
www.aslanlitel.com



**A GLOBAL
WIRE SUPPLIER**



INTRODUCTION

ASLANLI TEL SANAYİ

Aslanli Tel Sanayi, established in 1992, is located over a 23.000 m2 production area in Istanbul, one of Turkey's fastest developing cities. Aslanli has a long brand history dating back to the republic's foundation in 1923. Being an entrepreneurial, reliable, quality focused and environment friendly establishment, each passing day we are taking solid steps to increase its market share in the international markets.

We are constantly motivated for new investment opportunities as the market for our products expand and the requirements and needs of our customers rise. Our goal is to provide the support and service that our customers deserve and increasing our market share through our high quality products, well executed strategies and our highly experienced team.



COLD DRAWN WIRES

Our Cold Drawn Wire production serves to different applications by their lower and higher carbon contents. According to customer requirements we produce cold drawn wires with bright or black surface properties. Bright wires are surface cleaned wires which are used for plastic or zinc coating applications.



APPLICATION FIELDS

- ✓ Welded Mesh Production
- ✓ Galvanized Wire Production
- ✓ Nail Production
- ✓ Painted or plastic coated Shelves production
- ✓ Condenser production for refrigerators



TECHNICAL SPECIFICATIONS

Product Standart	EN 10218
Diameter Range	1.00 - 10.00 mm
Tensile Strength	500 - 1800 N/mm ²
Coil Weight	10 - 1000 kg
Coil Int/Ext Dimensions	20 - 40 cm / 45 - 80 cm / 45-90 / 50 - 100 cm

HOT DIP GALVANIZED WIRES

Hot Dip Galvanized Wires are produced by dipping low or high carbon wires into melted zinc bath. The aim of the galvanization is to protect wire against oxidizing and increase its service life. Most common applications for hot dip galvanized wires are fences, gabions, barbed wires, razor blade wires, coat hangers, pvc coated wires, vineyards, staples and etc.



APPLICATION FIELDS

- ✓ Panel Fence Production
- ✓ Chain Link Fence Production
- ✓ Barbed Wire Production
- ✓ Pvc Coated Wire Production
- ✓ Welded Mesh Production
- ✓ Gabion Production
- ✓ Cloth Hangers Production
- ✓ Agricultural applications (Vineyards)
- ✓ Suspended Ceiling Applications



TECHNICAL SPECIFICATIONS

Product Standart	EN 10244-2
Diameter Range	1.50 - 10.00 mm
Tensile Strength	400 - 1800 N/mm ²
Zinc Coating Mass	30 - 90 g/m ² (1.50 - 10.00 mm) 100 - 300 g/m ² (2.00 - 4.00 mm)
Coil Weight	100 - 1500 kg
Coil Int/Ext Dimensions	45 - 80 cm / 45 - 90 cm

BARBED WIRES

Barbed Wires are used for protection and border determining for fields or residential buildings. In our production we have two type of barbed wires such as reverse twist barbed wires and conventional barbed wires.

Reverse twist barbed wires produced to exact lengths such as 125 meters and 250 meters. According to customer demand production of different lengths is possible. Reverse twist barbed wires are thinner compared to conventional barbed wires.

Conventional Barbed Wires has thicker wire diameters and they are more force resistant wires compared to reverse twist barbed wires. They are mostly preferred for the protection applications such as animal attacks or illegal entrances on the fields.



conventional barbed wire



reverse twist barbed wire

APPLICATION FIELDS

- ✓ Border Determination
- ✓ Protection against animal attack or illegal entrances



TECHNICAL SPECIFICATIONS

Product Standart

EN 10223-1

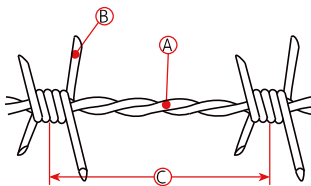
Reverse Twist Barbed Wire

Line Wire Diameter	Barb Wire Diameter	Distance Between Barbs	Roll Weight	Roll Length
Ⓐ 1,50 mm	Ⓑ 1,40 mm	Ⓒ 100 mm	9-10 kg	250 meters
Ⓐ 1,70 mm	Ⓑ 1,50 mm	Ⓒ 100 mm	12-13 kg	250 meters
Ⓐ 1,80 mm	Ⓑ 1,80 mm	Ⓒ 100 mm	16-17 kg	250 meters
Ⓐ 2,00 mm	Ⓑ 2,00 mm	Ⓒ 100 mm	19-20 kg	250 meters

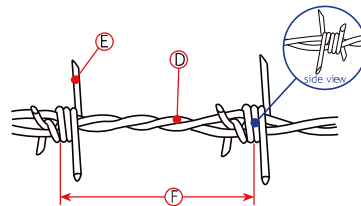
Conventional Barbed Wire

Line Wire Diameter	Barb Wire Diameter	Distance Between Barbs	Roll Weight	Roll Length
Ⓓ 2,50 mm	Ⓔ 2,15 mm	Ⓕ 75 mm	20-22 kg	Approximately ~165 meters

reverse twist barbed wire



conventional barbed wire



Note: Wire diameters and roll lengths can be changed according to customer request.

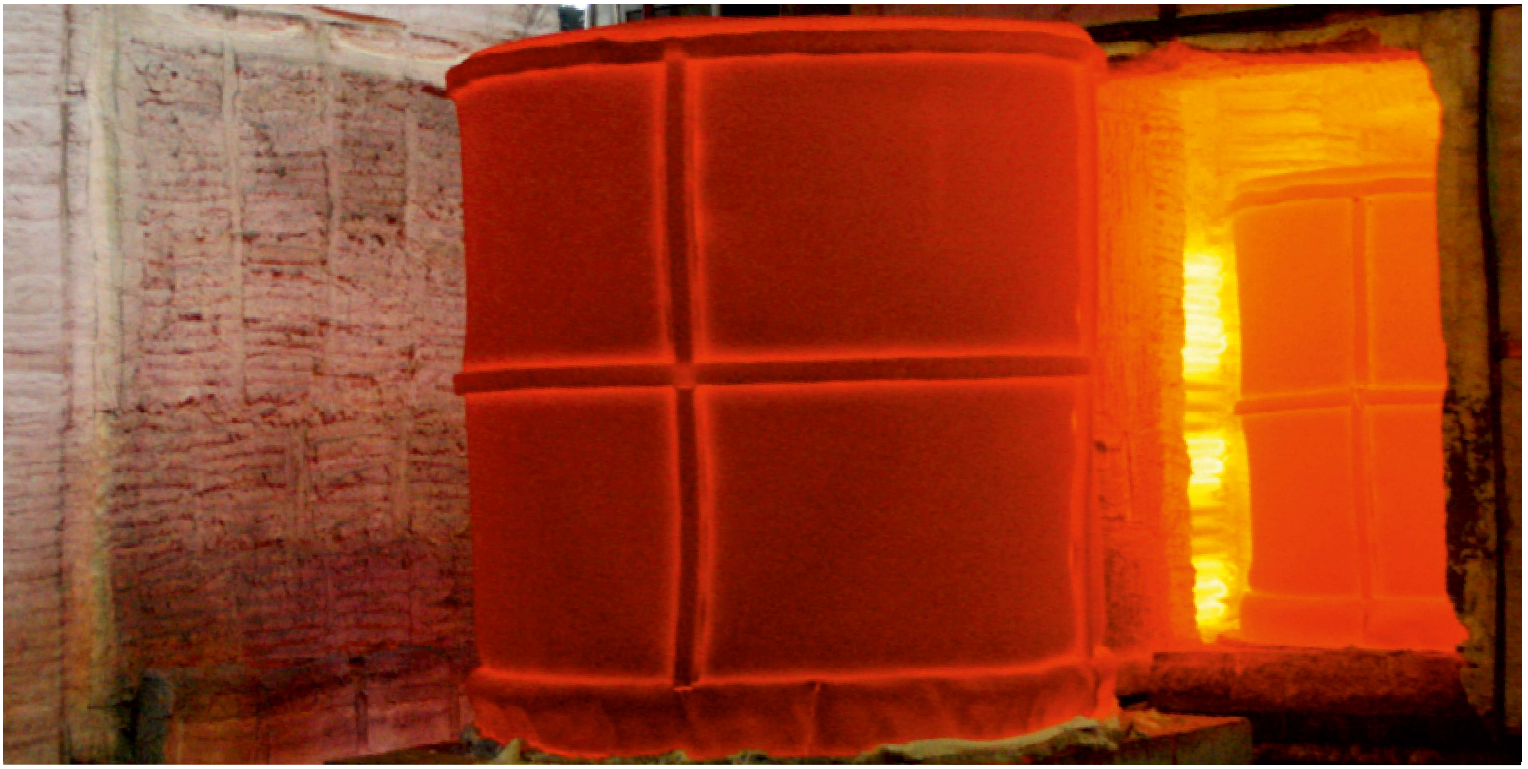
BLACK ANNEALED WIRES

Black Annealed Wires are produced by burning cold drawn wires in furnaces at an ideal annealing time. The most common application is for binding construction rebars or making bales of hays, waste papers, cartons or plastic bottles.



APPLICATION FIELDS

- ✓ Binding of rebars in constructions
- ✓ Binding of recycling waste materials for paper and packaging industry

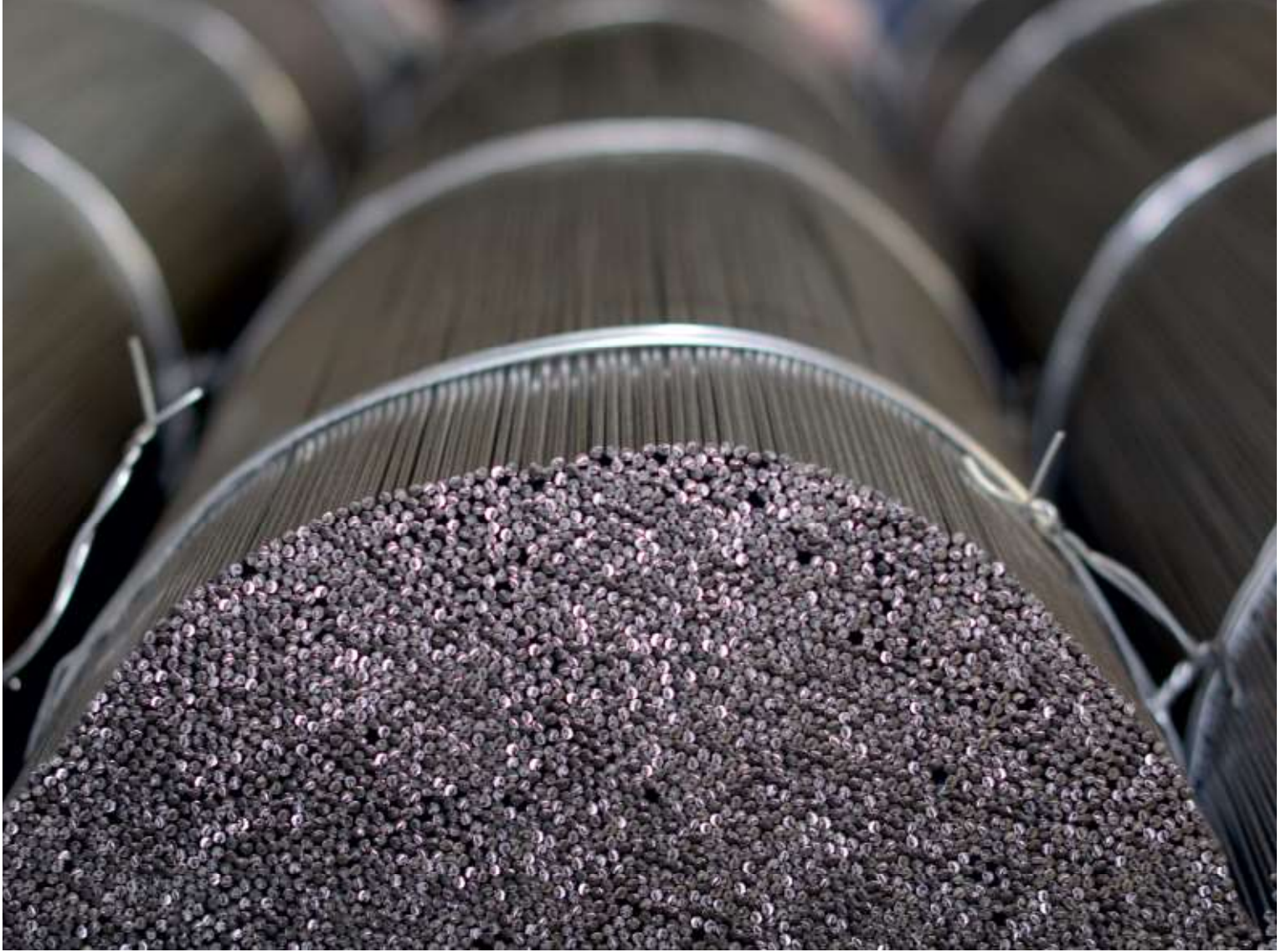


TECHNICAL SPECIFICATIONS

Product Standart	EN 10218
Diameter Range	1,00 - 10.00 mm
Tensile Strength	300 - 450 N/mm ²
Coil Weight	10 - 500 kg
Coil Int/Ext Dimensions	20 - 40 cm / 45 - 80 cm

CUT WIRES

Cut Wires are produced by straightening and cutting galvanized or cold drawn wires into various lengths. The most common usage of the cut wires is to produce welded mesh, panel fences or shelves for white house products. With the technology of our cutting machines and well experienced staff, we make our production with zero mistakes of tolerances for lengths and diameters.



APPLICATION FIELDS

- ✓ Panel Fence Production
- ✓ Welded Mesh Production
- ✓ Applying greenhouse films



TECHNICAL SPECIFICATIONS

Product Standart	EN 10218
Diameter Range	3.00 - 10.00 mm
Lenght Range	200 - 6000 mm
Tensile Strength	350 - 900 N/mm ²
Bundle Weight	1000 - 2500 kg

OILY BALE WIRES

Oily Bale Wires are manufactured by coating oil on the surface of black annealed wires. The oil on the surface not only provides sliming property and also a protection against the oxidization. The most common usage of the Oily Bale Wires are for bailing papers, cartons, plastic bottles, for recycling industry and hays for agricultural industry.



APPLICATION FIELDS

✓ Bailing Waste Papers, Cartons and Plastic Bottles



TECHNICAL SPECIFICATIONS

Product Standart	EN 10218
Diameter Range	1.80 - 4.50 mm
Tensile Strength	300 - 450 N/mm ²
Coil Weight	30 - 500 kg
Coil Int/Ext Dimensions	16 - 32 cm / 45 - 80 cm
Winding Type	Horizontal or Rosette



COMMON NAILS

Common Nails are preferred for to use on woods. The most common usage is for wooden moulds for concrete. Our standard production is 6 – 8 – 10cm of length with a diameter of 3.00 – 3.50 – 4.00mm respectively. The head of our nails are produced as flagged type to prevent sliding property during hammer hits. We pack our nails at 25kg of carton boxes on pallets where a worker can easily carry.



APPLICATION FIELDS

- ✓ Installation of wooden molds for concrete at constructions
- ✓ General applications for woods



TECHNICAL SPECIFICATIONS

Product Standart	TS 155		
Tensile Strength	700 – 900 N/mm ²		
Length Of Nails	Diameter	Box Dimensions (W x L x H)	Box Weight
60 mm	3.00 mm	25 x 40 x 20 cm	25 kg
80 mm	3.50 mm	25 x 40 x 20 cm	25 kg
100 mm	4.00 mm	25 x 40 x 20 cm	25 kg

PVC COATED WIRE

Pvc Coated Wires are coated by plastic extrusion method. The aim of the pvc coated wires are to expand the service life of wire against oxidation. Most common usages are for chain link fencing and barbed wires production.

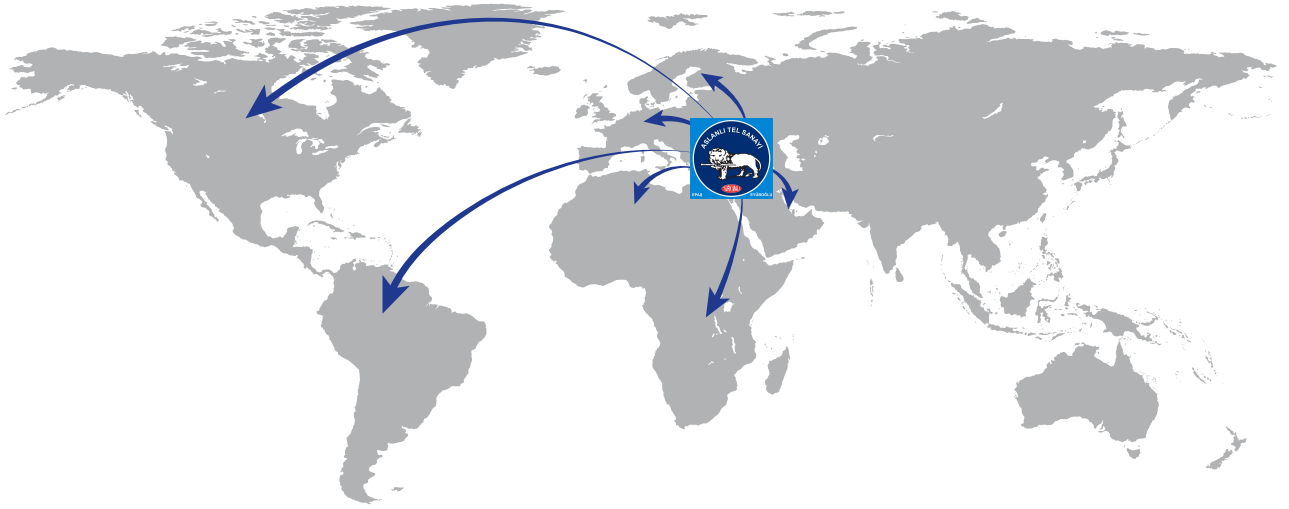


TECHNICAL SPECIFICATIONS

Product Standart	EN 10245-2
Pvc Coated Dia. Range	3,00 - 5.00 mm
Coating Thickness	1.00 mm
Tensile St rength	400 - 550 N/mm ²
Coil Weight	100 - 1000 kg
Coil Dimensions/In-Out	45 – 80 cm



A GLOBAL WIRE SUPPLIER



ASLANLI TEL SANAYİ

Ramazanoglu Mah. Ensar Cad. No.36 Pendik, İstanbul, TÜRKİYE

Phone: +90 216 378 20 76 • Fax: +90 216 378 18 35

www.aslanlittel.com • info@aslanlittel.com

