

Galvanized Wire

Al Khaleej Steel Industries LLC manufactures high quality hot dip galvanized wires at its state-of-the-art production facility, complying to worldwide standards or as per customer requirements.

Our galvanized wires are used for various applications:

1. Perimeter Protection- agricultural fence, welded mesh, chain-link fence, mining mesh etc.
2. Cable Armour- electrical cable armouring.
3. Nail Production – high, medium, and low tensile nails, collated nails, general fasteners etc.
4. Wire Forms- for construction, decorative forms, shelves, and racks etc.

Commercial Galvanized Wire for Fencing and General Applications

Size range	1.50 mm to 6.00 mm with increments of 0.02 mm in avg. dia.
Tolerance	+/- 0.03 mm
Carbon content	0.05% to 0.72% depending on tensile requirements.
International Standards	BS EN 10244-2:2009, AS 2423-2002, any other standard as per demand.
Zinc Coating Range	Min. 40 gsm to 90 gsm
Tensile Range	350 mpa soft wire to 1400 mpa high tensile wire
Elongation	Min. 2% for high tensile, min. 10% for low tensile
Smooth and shiny surface finish for further coating of paint or powder. Wax coating available on request.	

Heavy Galvanized Wire for Fencing, Nail and General Applications

Size range	1.60 mm to 5.00 mm with increments of 0.02 mm in avg. dia.
Tolerance	+/- 0.03 mm
Carbon content	0.05% to 0.72% depending on tensile req.
International Standards	BS EN 10244-2:2009, AS 2423-2002 (Australian Standard), any other standard as per demand.
Zinc Coating Range	Min. 120 gsm to 366 gsm
Tensile Range	350 mpa soft wire to 1550 mpa high tensile wire
Elongation	Min. 2% for high tensile, min. 10% for low tensile

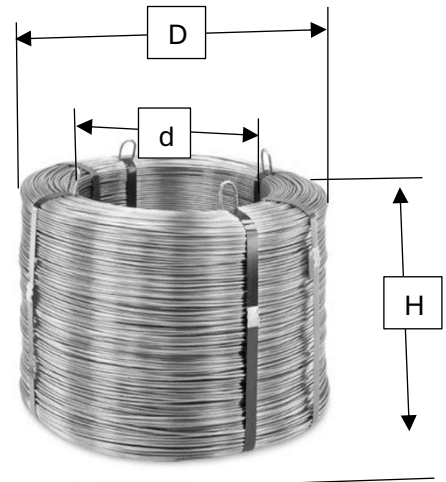
Galvanized Wire for Cable Armour Applications

Size range	1.60 mm to 5.00 mm (with increments of 0.02 mm in avg. dia.)
Tolerance	+/- 0.03 mm
Carbon content	0.05 to 0.08%
International Standards	BS EN 10257-1:1998 or as per customer specification.
Zinc Coating Range	Min. 40 gsm to 366 gsm
Tensile Range	350 to 500 mpa
Elongation	Minimum 10%
Max. D.C. Electrical Resistance @ 20°C, Ω/km	10.98 to 216.92

*Other specifications can be provided based on customer requirements.

Other parameters for Galvanized Wires

Helix	Max. 100/mm
Cast	550-750 mm
Coil ID (d)	450 mm to 500 mm
Coil OD (D)	850 mm to 950 mm
Coil Height (H)	500 mm to 1000 mm
Coil Weight	250 kg to 1000 kg*
Strapping	4 - Steel or Plastic straps as required. Lifting hooks (optional)
Packing	HDPE and LDPE



*Smaller coil weight up to 25 kg can be supplied on special order.