

UNIVERSAL WIRES LLC



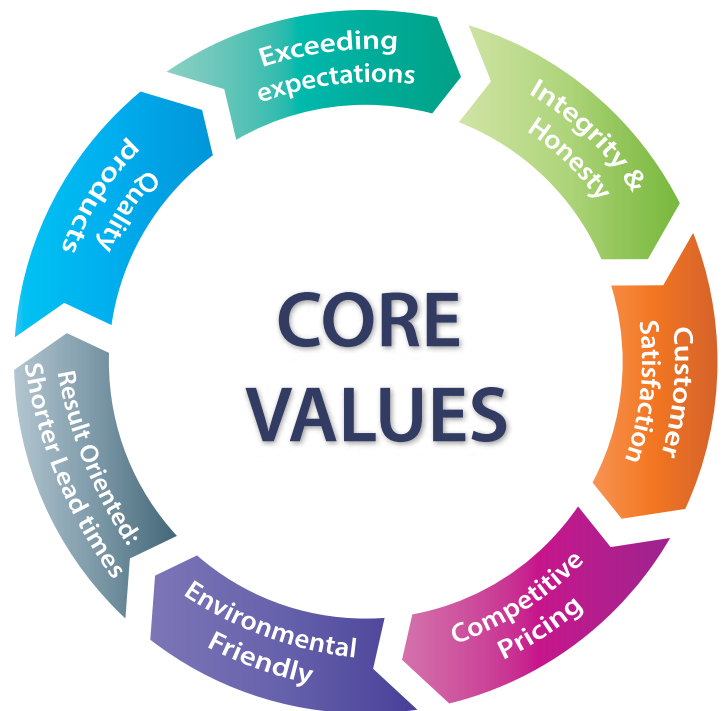
About Us

Universal Wires LLC is State of the Art Manufacturing facility of Hot Dip Galvanised Wires based in Sohar, Sultanate of Oman. It is spread on a land of over 51,000 Sq. meters, with complete Automated European equipment. It has the capacity to produce **60,000 Metric tons of Hot Dipped Galvanised Steel Wires, annually**. The plant is capable of producing Galvanized wires of sizes varying from **0.9 to 4.0 mm diameter**.

The Machinery uses Pad Wiping & Automatic Nitrogen Wiping technology to cater the entire product range assuring best of the quality coating of Zinc. The plant uses **SPECIAL HIGH GRADE ZINC** only (99.995% pure Zinc).

The plant is designed & built environment friendly. It uses fumeless technology in pickling. Further, it also has In-House sophisticated Effluent Treatment Plant to recycle the waste.

Management has a clear vision of supplying best quality product at the right price worldwide.



COLD DRAWN / BRIGHT WIRE

Cold Drawn wire is wire drawn through cold drawing where the wire passes through a set of dies. It gives finished size with minimum ovality and higher tensile strengths.

- Weld Wire: Welding electrodes, welding wires etc
- PVC coated wire: It is used in variety of industry including fencing, hangers etc.



BLACK ANNEALED WIRE

- Binding wire
- Annealed Wire is made of carbon steel wire, used for weaving, baling in general. Applied for home use and construction.



HOT DIP GALVANISED WIRE

Advantages of Hot Dip Galvanised wires

- Rust and Corrosion protection
- Excellent flexibility & softness
- Reduced Long term costs
- Durability
- Longevity

Industry

Hot Dipped Galvanised wires are used in Construction, Agriculture, Defence, Security, Power, Automobile, Daily lifestyle and many more.



APPLICATIONS

Cable Armouring Wires

Cable Armor Wire are used in Underground Cables. It provides mechanical protection and earth the leakage current protection.



Poultry

Heavy coating wire used for cages for the poultry industry.



Gabions

Gabion is a welded wire cage or box filled with materials such as stone, concrete, sand, or soil. Its used for erosion protection in construction.



Farming Wires

These are tying wires used in agriculture industry for vines & Orchards. It is also used to support variety of creepers.



Chain-link fencing

Chain Link Fencing is widely recognized as the most credible boundary fencing. It is used globally for security applications.



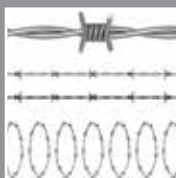
Baling wires

Baling wire is a type of wire used in agriculture & industry for everything from mending fences to manually binding rectangular bales of hay, straw, or cut grass.



Barbed Wire

Barbed wire is a type of steel fencing wire constructed with sharp edges at intervals along the strands. It is used to construct inexpensive fences and is used atop walls surrounding secured property.



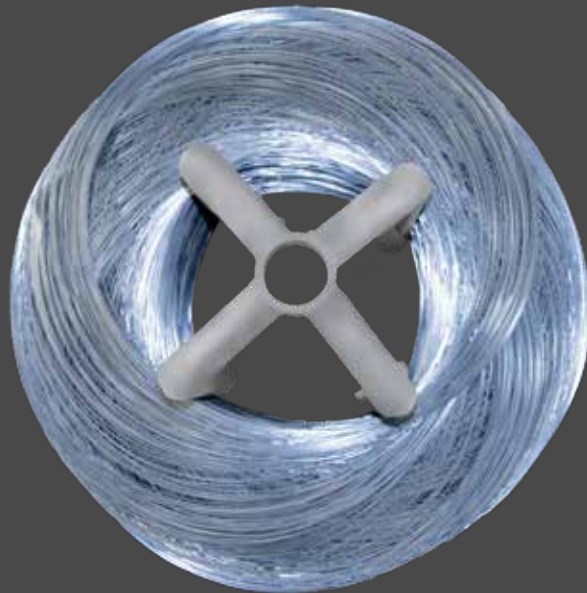
Industrial

In packaging, Wires for buckets, Staples, etc wire is widely used for packaging. Nails including shoe nails, nails for construction industry etc. Roll handles, Bucket handles, Brooms, brushes, Clips, Hinge pins, Components of automotive industry.



DETAILS	HOT DIPPED GALVANISED WIRES	BLACK ANNEALED WIRES
SIZES	0.9 , 1.25 , 1.4 , 1.6 , 2.0 , 2.5 , 3.15 , 3.5 , 4.0 (MM)	0.9 , 1.25 , 1.4 , 1.6 , 2.0 , 2.5 , 3.15 , 3.5 , 4.0 (MM)
COATING	LOW COATING (40 – 90 GSM) & HEAVY COATING (100 – 610 GSM)	NOT APPLICABLE
UTS	UTS: 350 – 550 (MPa)	UTS: 350 – 550 (MPa)
COIL WEIGHT	COIL WEIGHT: 250 – 1000 (KGS)	COIL WEIGHT: 250 – 1000 (KGS)
PACKING	STRAPPED & POLYMER PACKING	STRAPPED & POLYMER PACKING
TECHNICAL STANDARDS	IS 280(1978), BS 443 (1982), BS 5467 (1997), BS 6622 (2007), BS 7846, ASTM A641/A641m (1998) Class A, IS G3547 (1993), AS 1650 (1989), AS 2423, CABLE ARMOUR GRADE: BS 1442 (1969), IEC 60502, BS EN 10244, ASTM A 4 11, BS EN 10257-1 (1998), IS 3975 (1999)	DIN 177, AISI C1005 , JIS G 3532 SWM-B, EN 10218-2, BS 10079

* CUSTOMISED PRODUCTS AVAILABLE ON REQUEST



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