

NEW LAUNCH

NIZNAL[®]

PREMIUM BARBED WIRE & CHAINLINK



Enhanced Strength for
Secure Boundaries



Ultimate Protection
Against Corrosion

CELEBRATING
50
YEARS
OF EXCELLENCE



NIRMAL WIRES (P) LTD.

"Rudramani" 1720, Laskarhat, EM Bypass, Kolkata 700 039, India

Tel: 1800-309-3876 | Email: contactus@groupnirmal.com

Web: www.groupnirmal.com



NWPU/BROCH/JRE/24-25/NIZNAL/002

ADVERTISEES IN | +91 90076 46299

EXPERIENCE



GREATER LIFE



Manufactured for the **FIRST TIME IN INDIA**

NIZNAL[®]
ZINC ALUMINIUM ALLOY COATED WIRE

From the house of
Nirmal

Zinc

Aluminium

NI + ZN + AL

**A STEEL WIRE WITH 6X
GREATER LIFE**

Niznal[®] is a high-performance steel wire with a special alloy coating of zinc and aluminum, which gives it superior corrosion resistance and durability compared to traditional galvanized wire.

Niznal[®] is an excellent choice for applications that require a strong and long-lasting wire.

ADVANTAGES

Niznal® coated wire fits diverse applications, from fencing to industrial uses, thanks to its range of gauges and sizes.



Niznal® coated wire excels in resisting corrosion, making it perfect for outdoor use in challenging environments.



Niznal® coated wire, with its zinc-aluminum alloy, offers exceptional durability, reducing the risk of cracking and breakage compared to other types.



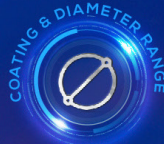
Niznal® coated wire naturally repairs scratches by forming a protective barrier, preventing corrosion—an inherent property called passivation.



Niznal® coating offers up to six times longer life, translating to reduced overall product costs. Compared to standard GI Wire fences, Niznal® coated wire fences require replacement six times less frequently.



Niznal® coated wire comprises high-quality steel coated with a zinc-aluminum alloy, available in 95% zinc and 5% aluminum or 90% zinc and 10% aluminum compositions.



Niznal® coating range will be from 70 gsm to 650 gsm.
Niznal® coated wire is available in a range of diameters, typically from 1.4mm to 7mm.



Niznal® coated wire has high tensile strength, typically ranging from 300 to 1900 MPa.



Niznal® coated wire has a smooth, uniform surface finish that is free of defects or imperfections.



Niznal® coated wire is produced according to a range of international standards, including ASTM, BS, and DIN standards.

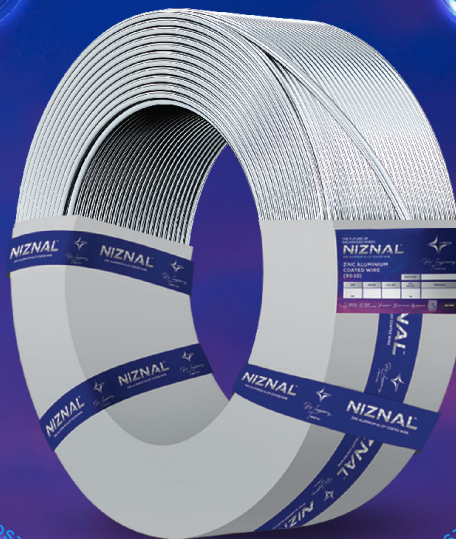
SPECIFICATIONS

COMPARE NIZNAL® TO OTHER COATING

GI Wire	Formability	Corrosion Resistance (bare)	Sacrificial Protection	Corrosion Resistance (formed)	Paint Adhesion	Corrosion Resistance (painted)	Weldability	Heat Resistance/Reflectivity
Niznal®	5	4	5	5	5	5	4	3
Hot-Dipped Galvanised	3	3	5	3	4	4	4	3

PACKAGING

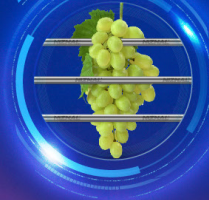
Niznal® coated wire is typically packaged in 100-150kgs coils (Upto 1000Kgs) or as per customer specification and requirement.



EXPERIENCE UNMATCHED DURABILITY WITH 6X LONGER LIFE

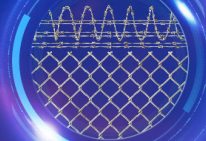
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AGRICULTURE



Niznal® coated wire ensures enduring reliability in agricultural fencing, resisting corrosion and weathering to secure fields, livestock, and property boundaries against environmental challenges.

BARBED WIRE & CHAINLINK FENCE



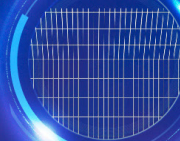
Trusted for its durability, Niznal® coated wire offers robust solutions for barbed wire and chainlink fences, providing long-lasting security and containment with minimal maintenance requirements.

POULTRY



Ideal for poultry enclosures, Niznal® coated wire withstands the demanding conditions of poultry farming, offering corrosion resistance and structural integrity essential for ensuring the safety and well-being of poultry.

SMART FENCING (WELD MESH)



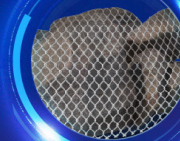
Niznal® coated wire forms the backbone of smart fencing systems, delivering versatility and reliability for perimeter security and agricultural enclosures, supported by its self-healing properties and durability.

GABIONS



Niznal® coated wire provides durable support for gabion structures, resisting corrosion and maintaining stability in erosion control, retaining walls, and landscaping applications.

ROCKFALL PROTECTION MESH



Critical for rockfall mitigation, Niznal® coated wire offers dependable containment and structural integrity, protecting infrastructure against falling rocks with its corrosion-resistant properties.

CONSTRUCTION



Versatile and durable, Niznal® coated wire serves various construction needs, from reinforcing concrete to securing construction sites, offering resilience and longevity in demanding environments.

POWER SECTOR



Essential for power infrastructure, Niznal® coated wire ensures reliability and longevity in transmission line support and substation fencing, resisting corrosion and maintaining integrity in critical applications.