

RELIABLE INDUSTRIAL

Technical Data Sheet: GI Chicken Mesh & Plaster Jali

Galvanized Mild Steel

Doc Ref: TDS-CMPJ-2026 | Standard: IS 280 / IS 4826

1. PRODUCT OVERVIEW

Galvanized Iron (GI) chicken wire mesh (plaster jali) is an essential civil reinforcement netting manufactured from high-grade galvanized mild steel wire with uniform hexagonal weave geometry. It is primarily used to reinforce plastering mortar and prevent structural crack formation at joint interfaces.

2. KEY SPECIFICATIONS

PARAMETER	STANDARD SPECIFICATIONS
Material	Hot-Dip / Electro-Galvanized Mild Steel Wire (GI)
Mesh Aperture / Opening	1/2 Inch (12 mm), 3/4 Inch (20 mm), 1 Inch (25 mm)
Wire Gauges (SWG)	20 SWG (0.9 mm), 22 SWG (0.7 mm), 24 SWG (0.55 mm)
Standard Roll Widths	0.9 m (3 ft), 1.0 m, 1.2 m (4 ft)
Standard Roll Lengths	15 m, 25 m, 30 m, 50 m rolls
Weave Type	Continuous Hexagonal Reverse Twist / Straight Twist
Corrosion Protection	Uniform Zinc Coating for extended durability and rust resistance

3. PRIMARY APPLICATIONS

- Crack Prevention:** Fixed across RCC column-beam junctions and masonry/brick/AAC block joints before plastering.
- Plaster Reinforcement:** Provides mechanical keying for ceiling plaster and external wall finishes.
- Thermal Insulation Wrap:** Securing glass wool and rockwool pipe cladding.
- General Fencing:** Poultry enclosures, garden partitions, and protective screens.

4. APPROVED BRANDS & SUPPLY

Brands Available: Tata | Jindal | Geekay | Mahaveer | Shree Mahaveer | Supreme

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