

Western

WELDED WIRE FABRIC

You Save...

- Steel
- Time
- skilled and semi-skilled labour
- Money

the ideal welded wire mesh for...

- CONCRETE REINFORCEMENT
- FENCING
- PROTECTIVE SCREENS FOR VEHICLES
- COVERINGS FOR WINDOWS & VERANDAHS
- PARTITIONS
- MACHINE GUARDS
- CRATES FOR PACKING
- SHELVES IN VEHICLES
- & NUMEROUS OTHER APPLICATIONS.

Manufactured by :

GENERAL MANUFACTURING & TRADING CORPORATION

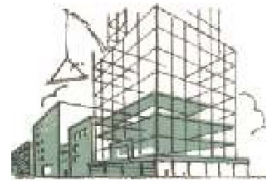
OFFICE: S No:513, Opp Maitri Gardens, Pokhran Road No.2, THANE-400601, Maharashtra, INDIA

Works: S No:12, Village: Vasuri Khurd, Off Kudus Khaniwali Road, Taluka: Wada, Dist:Palghar,

Phones :- 91-22-21736451 / 52 / 53 /21736266 Fax :- 91-22-21736454

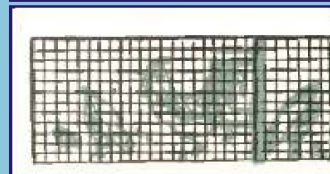
Email : vijayldodeja@gmail.com / sales@weldedwiremesh.in

Website : www.weldedwiremesh.in



Western

WELDED WIRE FABRIC



Description

WESTERN Welded wire Fabric consists of a series of parallel longitudinal wires welded at their intersections with a series of transverse wires by an automatically controlled electrical process without the addition of any metal etc. The hard drawn wires used comply in the respects to IS 432 (part II) and BSS 785. The Welded Wire Fabric conformsto IS. 1566 and BSS :

Standard Size

The mesh and wire sizes given in the tables within are standard sizes the are generally in stock or available from short delivery. Special size required can be made to order.

Sheets can be supplied in maximum widths of 2.7m (9') and Rolls are supplied in standard widths of 0.92m(3'), 1.22m(4'), 1.52m(5') and any width upto 8'6" each roll containing generally 15m(50'), 30m(100'), 45m(150'), 60m(200'), or any specified length.

Advantages

WESTERN Welded Wire Fabric, when used as a Reinforcement as per IS:1566 and with wires of Fe480 grade (IS:432(II)) results in a saving of around 40% of steel vis-a-vis Mild Steel of Fe250 grade, on account of its higher yield point of minimum 480 N/mm2 as against 250 N/mm2 of rolled mild steel. Vis-a-vis HYSD or Tor Steel bars of Fe 415 grade, WESTERN Welded Wire Fabric offers a saving of around 14.55% steel .

The process of hard drawing results in every section of wire being actually tested as to tensile strength thereby rendering it a more reliable material.

With WESTERN Welded Wire Fabric there is No Laying of Single Bars, No Binding, No Cutting, No Bending, No Hooks, No Small pieces to be lost.

WESTERN Fabric is quick and easy to lay, and once in position is not readily displaced by workmen when laying the concrete, as in often the case when rods are used.

The Bonding Area of a close mesh fabric with welded joints is several times greater than Manually assembled ReBars, since the Mechanical Anchorage action of Cross Welded Joints offers much superior Pull-out strength compared to the mere Peripheral Bonding in Manually assembled ReBars .

Technical Service

Advice and guidance in the most economical usage of Welded Wire Mesh for Concrete Reinforcement or other applications will be gladly provided on request.

Manufactured by :

GENERAL MANUFACTURING & TRADING CORPORATION

OFFICE: S No:513, Opp Maitri Gardens, Pokhran Road No.2, THANE-400601, Maharashtra, INDIA

Works: S No:12, Village: Vasuri Khurd, Off Kudus Khaniwali Road, Taluka: Wada, Dist:Palghar,

Phones :- 91-22-21736451 / 52 / 53 /21736266 Fax :- 91-22-21736454

Email : vijayldodeja@gmail.com / sales@weldedwiremesh.in

Website : www.weldedwiremesh.in



RECTANGULAR MESH



for example Type 312-49, equals 3" x 12" of 4 x 9 SWG.

SQUARE MESH



for example Type 66-11, equals 6"x6" of 1 x 1 SWG.

Metric Sizes are not exact equivalents of inch sizes but only nearest equivalent sizes selected as per Indian Standards.

WESTERN Fabric Reference Indicates - by its 3 digits after the letters G, R and S - the area of the Main Longitudinal Wires per Foot width or per Metre width for convenience of designers.

- G indicates General applications
R indicates Rectangular mesh
S indicates Square mesh

THE STANDARD TYPES OF WESTERN WIRE FABRICS

A Metre Kilogram Units

B Inch Pound Units

Table with 10 columns: Type, Western Fabric Ref. No., Distance Centre to Centre of Wire (Main, Cross), Diameter of Wires (Main, Cross), Sectional area of wires per Metre width (Main, Cross), Weight of Fabric per Sq. metre (kg.). Includes rows for various mesh types like 75x75-4.0x4.0, 75x50-5.3x3.15, etc.

Table for CONCRETE REINFORCEMENT (B.S. 4483: 1969) with 10 columns: Type, Western Fabric Ref. No., Distance Centre to Centre of Wire, Diameter of Wires, Sectional area of wires, Weight of Fabric per Sq. metre. Includes sections for SQUARE MESH FABRIC, STRUCTURAL MESH FABRIC, LONG MESH FABRIC, and WRAPPING FABRIC.

Table with 10 columns: Type, Western Fabric Ref. No., Distance Centre to Centre of Wire (Main, Cross), Diameter of Wires (Main, Cross), Sectional area of wires per Metre width (Main, Cross), Weight of Fabric per Sq. Ft. / Sq. Yd. Includes rows for various mesh types like 33-88, 32-510, 31-510, etc.



Table titled 'Full Size Sections of Wire' with 4 columns: SWG, Inch/mm, Area (sq. ins./sq. mm), Wt/Ft.(lbs.)/Wt/Mtr.(Kgs.). Includes rows for wire sizes 4/0, 3/0, 2/0, 1/0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12.