

Hard-drawn steel wire fabric for concrete reinforcement is specified in IS : 1566-1982, which outlines the requirements for this type of reinforcement ¹.

Key Characteristics:

- Material: Hard-drawn steel wire fabric
- Application: Concrete reinforcement
- Specification: IS : 1566-1982

Physical and Mechanical Properties:

- Tensile Strength: Minimum 480 N/mm²
- Yield Stress: 0.2 percent proof stress, but not less than 585 N/mm²
- Elongation: Minimum 8 percent on a gauge length of $5.65 \sqrt{S_o}$ (where S_o is the nominal size of the wire)

Mesh Sizes and Wire Sizes:

- Square and Oblong Welded Wire Fabric: Mesh sizes and wire sizes commonly manufactured in the country are provided in Appendix C of the handbook ¹.