

WELDED WIRE REINFORCEMENT

- ✚ **Wire Mesh (WWR) is manufactured from hot rolled steel rods.**
- ✚ **Wire sizes are available from W1.4-W45 and D4-D45.**
- ✚ **Other wire sizes are available and vary with individual manufacturers.**
- ✚ **The “W” for plain or “D” for deformed wire numbers are usually whole numbers.**
- ✚ **For a style designation of 12x12-D10xD10, the first set of numbers is the spacing of wires in inches for both the longitudinal and transverse directions, respectively.**
- ✚ **The second set is the cross sectional areas of the respective wires in square inches multiplied by 100 (.10 sq. in. x 100 = 10, etc.)**
- ✚ **Wire Mesh is manufactured in accordance with specifications by the American Society for Testing and Materials (ASTM).**
- ✚ **ASTM A82 and A496 specify the strength and manufacture of plain and deformed wire used in WWR.**
- ✚ **ASTM A185 and A497 specify the manufacture and testing of plain and deformed welded wire for concrete reinforcement.**