



Stainless Steel Welded Wire Mesh Mats

Mats are available in two different styles of mesh produced using two different alloys. One product is 6X6 D2.9/D2.9 (gage) that would be assembled in 6-foot x 12-foot mats. The other product is 4X4 D4/D4 (gage) available as 6-foot x 12-foot mats. These sizes are the most popular in carbon mesh. All stainless wire mesh is branded with "SALIT" so buyers know that the wire mesh they are using is from a source in the Salit Group of Companies.

The mats are being produced as SS type 316LN (UNS-S31653) <http://www.azom.com/article.aspx?ArticleID=8261>. The 316LN is non-magnetic, and can be used where a non-magnetic environment is required, such as MRI chambers or sensitive electronic equipment facilities.

The stainless steel mats are deformed because there is a marked preference for deformed wire over smooth. The mats meet ASTM Standard A1022/A1022M-13, the Standard Specification for Deformed and Plain Stainless Steel Wire and Welded Wire for Concrete Reinforcement <http://www.astm.org/Standards/A1022.htm>. This specification covers stainless steel wire and welded wire reinforcements from hot-rolled stainless steel rod to be used as concrete reinforcement with corrosion resistant and magnetic permeability properties.

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Product Quick Notes

- 6X6 D2.9/D2.9 (gage) that would be assembled in 6-foot x 12-foot mats.
- 4X4 D4/D4 (gage) available as 6-foot x 12-foot mats.
- 316LN is non-magnetic.
- ASTM Standard A1022/A1022M-13, the Standard Specification for Deformed and Plain Stainless Steel Wire and Welded Wire for Concrete Reinforcement