PRODUCT DATA SHEET

ENGINEERED STRUCTURAL MESH

Welded Steel Wire Mat, Deformed or Plain, for Concrete Reinforcement.

APPLICATIONS

Reinforcement of:

- Foundations
- Slab-On-Grade
- Structural Slabs
- Walls
- Precast Concrete Elements
- AASHTO girder
- Tunnels
- Drainage
- Tilt-up Construction
- Nebraska girder
- Pavement
- Bridges

FEATURES

- Grade 80 (80,000 psi) cold rolled wires
- Each wire intersection is electrically resistance-welded by a continuous automatic welder.
- Manufactured at the factory, fusion welded and ready to meet your concrete reinforcement requirements.
- Presentation in sheets.

BENEFITS

- Net-Zero Certified
- Custom made
- Material optimization
- Quality Assurance
- Reduction of on-site equipment and labor costs.
- Improved safety and reduced risks on-site.

PRESENTATION

Sheets dimensions	Min	Max
Width	3’-0”	9’-4”
Length	9’-0”	40’-0”

MECHANICAL PROPERTIES GRADE 80

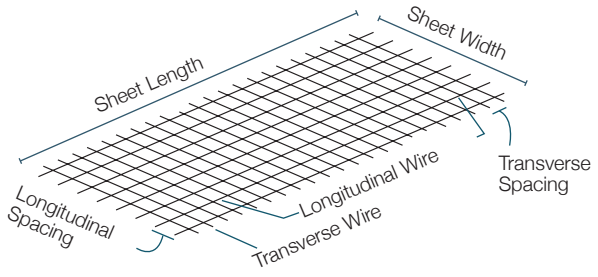
Yield strength	80,000 psi
Tensiles strength	90,000 psi

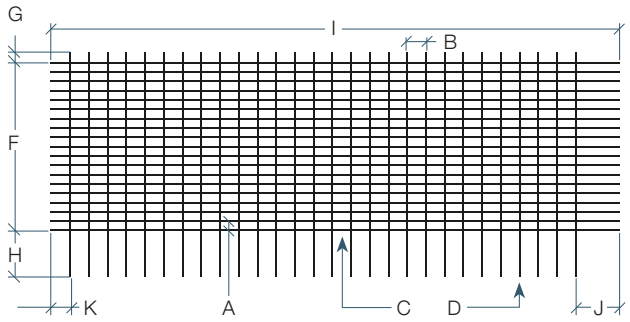
AVAILABLE DIAMETERS

Plain (W) or Deformed (D) wires, D2.1 or W2.1 (0.164in) minimum and D24.0 or W24.0 (0.553in) maximum.

DESCRIPTION & NOMENCLATURE

4	X	8	D14.7	/	D20	(GRADE 80)	72”	(+4”,	+21)	X	20´-2”	(18,	8)
A		B	C		D	E	F	G	H		I	J	K
Longitudinal Spacing (in)		Cross Spacing (in)	Longitudinal Wire Size (in^2x100)		Cross Wire Size (in^2x100)	Tensile Strength of WWR Mat (ksi)	Width Excluding Overhangs (in)	Left Side Overhang (in)	Right Side Overhang (in)		Length including Overhang (Ft-in)	Front End Overhang (in)	Back End Overhang (in)





MANUFACTURING STANDARDS: ASTM-A-1064 IBC 1903.5 ACI 318 AASHTO M221 & M225 standards

To buy this product write to us at: **sales@ingetek.us**
www.ingetek.us

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