

CONCRETE WEIGHT COATING MESH

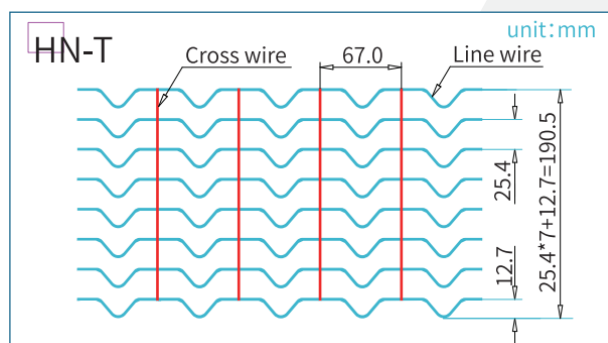


Focus on the Research & Customization of Concrete Weight Coating Mesh

Concrete Weight Coating Mesh (CWC Mesh)

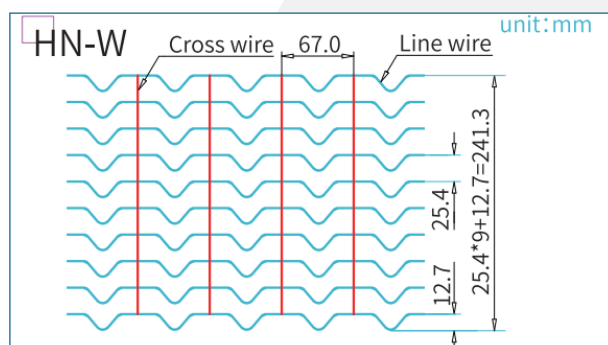
The concrete weight coating mesh is specifically designed for subsea pipelines, delivering exceptional weight support and impact resistance to ensure pipeline stability in challenging marine environments. Manufactured from low-carbon galvanized wire, it offers outstanding resistance to seawater corrosion, ocean currents, and seabed abrasion, significantly extending the service life of pipelines.

Category



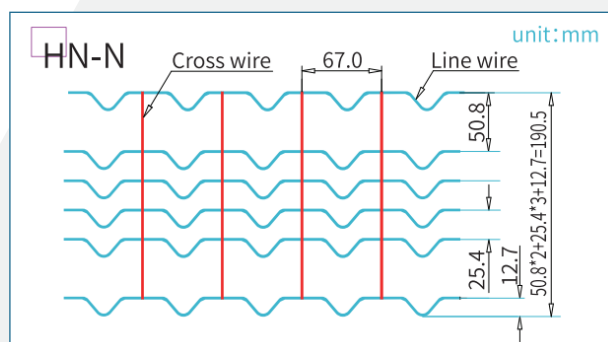
HN-T CWC Mesh:

It is a spot-welded mesh made of galvanized low-carbon steel wire intended for the reinforcement of concrete weight-coated pipelines. The mesh comprises 8 line wires which are deeply crimped between the cross wires.



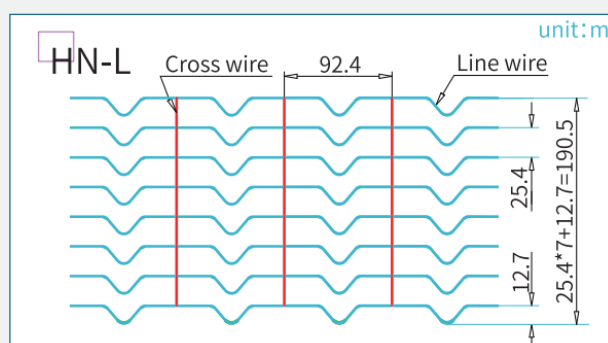
HN-W CWC Mesh:

It is a spot-welded mesh made of galvanized low-carbon steel wire intended for the reinforcement of concrete weight-coated pipelines. The mesh comprises 10 line wires which are deeply crimped between the cross wires.



HN-N CWC Mesh:

It is a spot-welded mesh made of galvanized low-carbon steel wire intended for the reinforcement of concrete weight-coated pipelines. The mesh comprises 6 line wires which are deeply crimped between the cross wires. The 2 inch mesh with at both sides between the line wires is intended for coating with an overlap of 1 inch.



HN-L CWC Mesh:

It is a spot-welded mesh made of galvanized low-carbon steel wire intended for the reinforcement of concrete weight-coated pipelines. The mesh is 92.4 mm instead of 67 mm between the cross wire.

Features & Advantages

- **Precise weighting**

Evenly distributed concrete layer optimizes pipeline settlement and mitigates the risk of suspension.

- **Long-lasting protection**

The compact design maximizes the utilization of transportation and storage space.

- **Easy handling.**

Low-carbon galvanized wire provides excellent resistance to seawater corrosion and is engineered for deepwater, high-pressure environments.

- **Efficient installation**

Modular design allows for rapid deployment, reducing offshore operation costs.

Specifications

Table 1: Concrete Weight Coating Mesh Specifications ▼

Product Model	Cross Wire Spacing (mm)	Line Wire Spacing (mm)	Top & Bottom Line Wire Spacing (mm)	Bottom Line Wire Height (mm)	Number of Line Wires (pcs)	Total Length (mm)
HN-T	67.0	25.4	—	12.7	8	190.5
HN-W	67.0	25.4	—	12.7	10	241.3
HN-N	67.0	25.4	50.8	12.7	6	190.5
HN-L	92.4	25.4	—	12.7	8	190.5

Applications & Others

Concrete weight coating mesh is used for the stable positioning of subsea pipelines, cables, and other installations. By securing concrete blocks within a mesh structure, it enhances resistance to water flow impact and prevents displacement or floating. It is widely applied in marine engineering and oil and gas transportation, featuring corrosion resistance, high strength, and long service life.



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