

Pipeline Reinforced Mesh

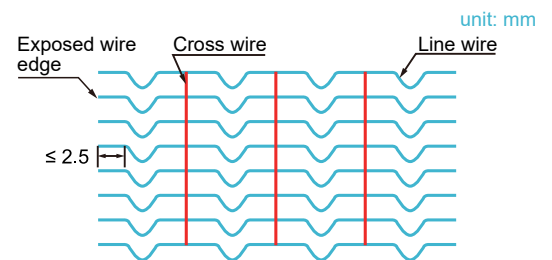


Pipeline reinforced mesh is also called concrete weight coating mesh (CWC mesh). The material of the mesh is low carbon steel with galvanized coating. It can either be cold galvanized wire or hot dipped galvanized wire meeting to ASTM and the line wires are deeply crimped and then welded to form a wave structure, making it easy to be coated with concrete and then submerged in water or earth. It has excellent corrosion and rust resistant performance, preventing concrete weight coated pipeline from being damaged during installation and after it is in place.

STRUCTURES

Pipeline reinforced mesh is made of line wires and cross wires.

- ✓ **Line Wire:** They are deeply crimped and then spaced at equal distances to be welded into a wavy structure. Pipeline reinforced mesh is available in various types, with 6/8/10 cross wires per pipeline reinforced mesh. For a pipeline reinforced mesh with 6 cross wires, the middle 4 cross wires are equally spaced and the two cross wires at the edge are farther away from the adjacent cross wires. The wavy structure makes it easy for the pipeline reinforced mesh to be coated with concrete and then immersed in water or soil.
- ✓ **Cross Wire:** They are straight in shape, and the cross wires on the same pipeline reinforced mesh are spaced at the same distance. After spot welding technology, they are well fixed with the wavy line wires.
- ✓ **Exposed Wire Edge:** ≤ 2.5 mm The pipeline reinforced meshes have excellent corrosion and rust resistant performance to prevent damage to the pipeline.

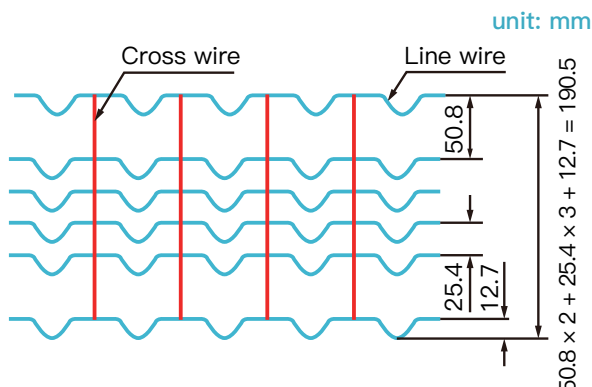


SPECIFICATIONS

4 types pipeline reinforced mesh: HN-N, HN-T, HN-L and HN-W.

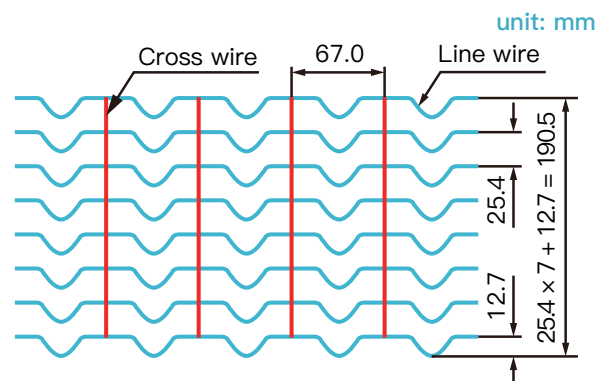
HN-N

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



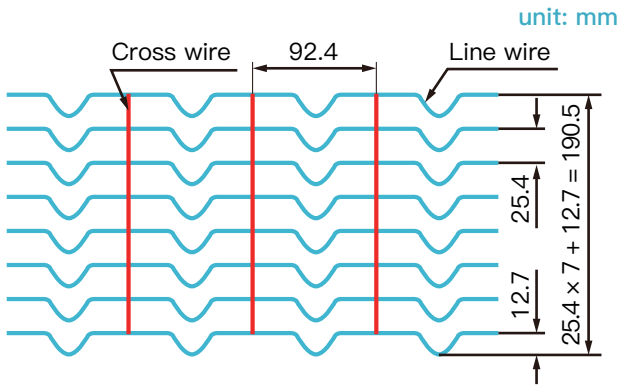
HN-T

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



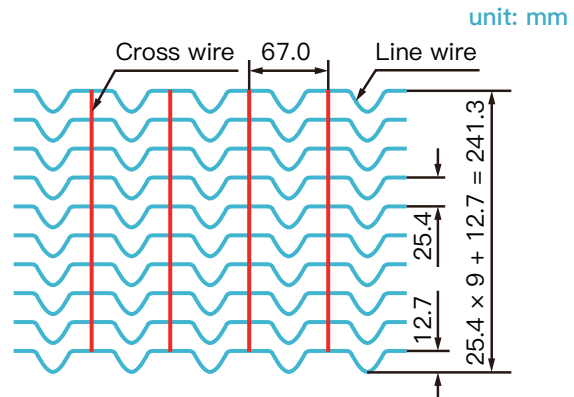
HN-L

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



HN-W

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



FEATURES

- ✓ **High tensile strength:** Pipeline reinforced mesh is made of high-strength steel wires that can withstand the stress and pressure of pipeline construction.
- ✓ **Corrosion resistance:** The CWC mesh is coated with a layer of zinc or other corrosion-resistant material to prevent rust and corrosion.
- ✓ **Easy to install:** The CWC mesh can be easily installed around the pipeline, providing a quick and efficient solution for strengthening the pipeline.
- ✓ **Cost-effective:** Using pipeline reinforced mesh is a cost-effective alternative to traditional methods of pipeline reinforcement, such as concrete or steel reinforcement.
- ✓ **Durability:** Pipeline reinforced mesh is designed to withstand harsh environmental conditions, including extreme temperatures and weather conditions.
- ✓ **Good appearance:** The appearance of pipeline reinforced mesh is neat, regular, and bright. The mesh is tightly bound and firm. The solder joint is firm and convenient for transportation and stacking.

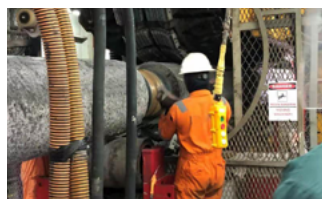
APPLICATIONS

Pipeline reinforced mesh is commonly used in a variety of pipeline applications, including:

- ✓ **Subsea Gas & Oil Pipeline:** Pipeline reinforced mesh is used to reinforce subsea oil and gas pipelines, providing additional strength and durability to the pipeline.
- ✓ **Everglades Gas Pipeline:** The CWC mesh can be used to protect the everglades gas pipeline from external factors such as erosion, corrosion, or wildlife damage.
- ✓ **River Bottom Gas & Oil Pipeline:** Pipeline reinforced mesh provides additional support and reinforcement to distribute the weight of the pipeline more evenly across the river or stream bed. This can help reduce the risk of damage to the river or stream bed.



Pipeline reinforced mesh for subsea gas pipeline transfer



Pipeline reinforced mesh for subsea oil pipeline transfer



Pipeline reinforced mesh for river bottom gas & oil pipeline transfer

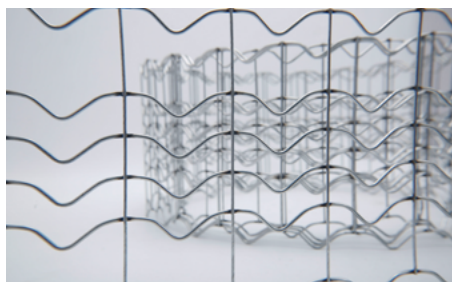


Pipeline reinforced mesh for everglades gas pipeline transfer

PRODUCT DISPLAY



CWC mesh HN-N overview



CWC mesh HN-N front view



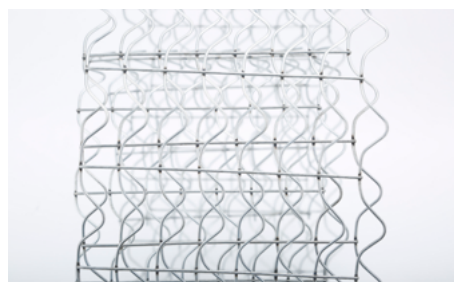
CWC mesh HN-N detail



CWC mesh HN-N side view



CWC mesh HN-W overview



CWC mesh HN-W front view



CWC mesh HN-W detail



CWC mesh HN-W side view



CWC mesh accessory detail



CWC mesh accessories front view