Pipeline Reinforced Mesh

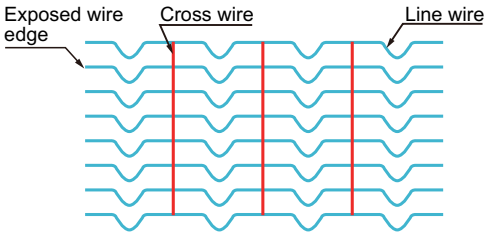
Honesty and Faith

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.

unit: mm



√ 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.

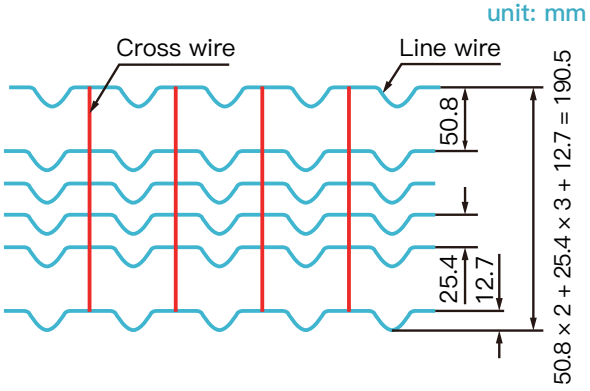
SPECIFICATIONS

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

HF-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.

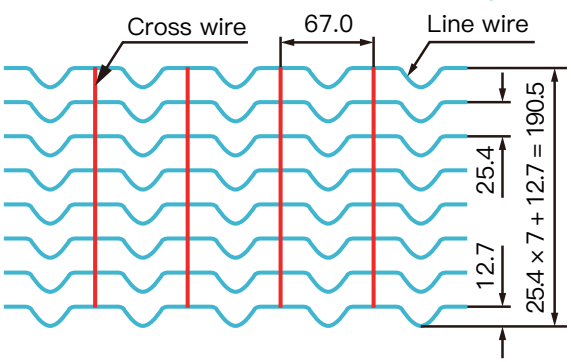
unit: mm



HF-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.

unit: mm



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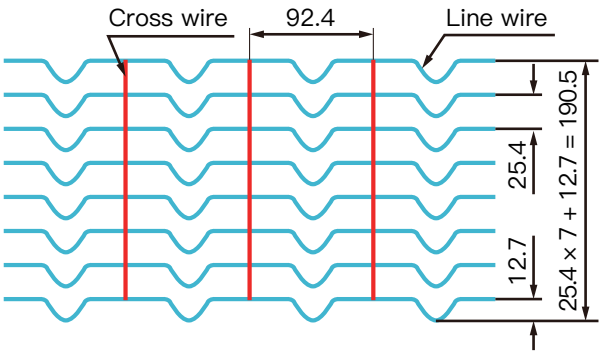
HF-L

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.

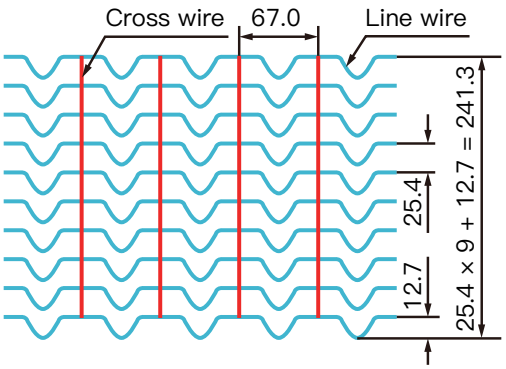
unit: mm



HF-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.

unit: mm



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

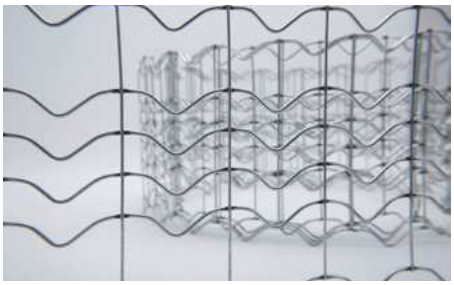
Pipeline reinforced mesh for subsea oil pipeline transfer

Pipeline reinforced mesh for river bottom gas & oil pipeline transfer

Pipeline reinforced mesh for everglades gas pipeline transfer

PRODUCT DISPLAY

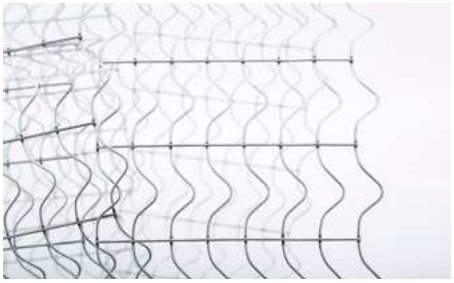
CWC mesh HF-N overview



CWC mesh HF-N front view

CWC mesh HF-N detail

CWC mesh HF-N side view



CWC mesh HF-W overview

CWC mesh HF-W front view

CWC mesh HF-W detail

CWC mesh HF-W side view

CWC mesh accessory detail

CWC mesh accessories front view

Quality Control

At Hangshun, we have established a complete set of quality control systems. From raw material purchasing to final product delivery, our professional QC inspectors use advanced testing devices to implement strict inspections on our products to ensure our customers can always receive the highest quality products.

√ 7 Quality Management Systems of Pipeline Reinforced Mesh

01 Raw Material

Our quality control system begins with carefully selected raw materials from reliable suppliers. We perform thorough test and analysis to ensure our materials meet our strict standards on quality and performance.

02 Key Parameter Management During Production

During the production, our skilled technicians often carry out inspection and testing to ensure our line wire crimped welded wire mesh meets all necessary specification requirements including tensile strength, dimensional accuracy and uniformity. Besides, we also perform calipers inspection to check if there are any defects or inconsistencies.

03 Warehousing

Our warehouse is divided into raw material storage area and finished product storage area. Labeled finished products help warehouse keeper find them quickly and we have large stocks to meet the needs of urgent orders.

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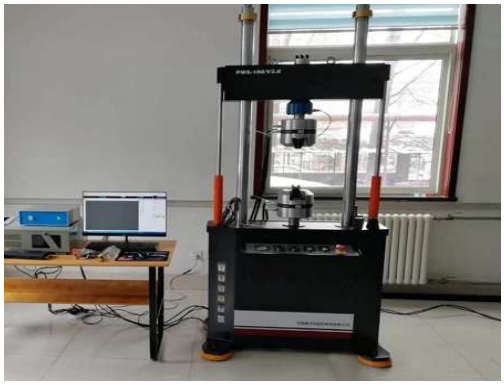
Quality Control

04 Packing

Our line wire crimped welded wire mesh packaging usually uses packing tape to combine 6 small rolls into one large roll, which saves container space.

05 QC System

Our QC system is provided with advanced testing devices, skillful operators and strict QC technical assessors.



06 Transportation System

We cooperate with reliable forwarding agents to ensure our line wire crimped welded wire mesh products can be delivered in a safe and efficient manner. We pay close attention to the logistic information of every batch of cargo, trace our customers and confirm their satisfaction.

07 After-Sales Service

We have sound customer service and support in terms of line wire crimped welded wire mesh products sales. We will pay return visits to our customers and solve all problems quickly.

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