

HEXAGONAL WIRE NETTING

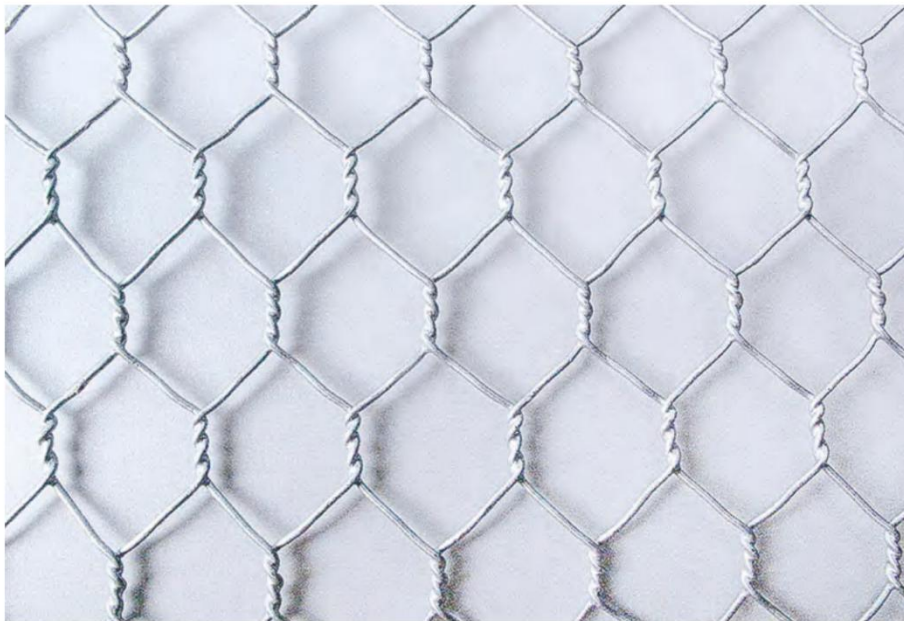
BEST PARTNER OF MESH

Material: Stainless steel wire, PVC coated wire, Electro galvanized wire, Hot dipped galvanized wire, Low carbon steel wire, 5% Zinc-Al Mild steel wire, etc.

Inspection items: Materials content, wire diameter, tensile strength, wire roundness etc.

Raw materials: Chemical element, Zinc thickness, Weight, Brightness, Roundness, Tensile Strength, Wire diameter and Tolerance etc.

Finished Products: Hole size, Wire diameter, Width, Length, Surface coating, Rolling and Weight.



HEXAGONAL WIRE NETTING SPECIFICATION

Mesh size			Wire Diameter	Width	Twist Type
Inch	mm	Tolerance (mm)	mm	m	
1/2"	13mm	±1.0	0.45mm-0.81mm	0.5m -2m	Normal Twist
5/8"	16mm	±1.0	0.45mm-0.71mm	0.5m -2m	Normal Twist
3/4"	20mm	±1.0	0.45mm-1.00mm	0.5m -2m	Normal Twist
1"	25mm	±1.0	0.45mm-1.00mm	0.5m -2m	Normal Twist or Reverse Twist
1-1/4"	31mm	±1.0	0.63mm-1.45mm	0.5m -2m	Normal Twist or Reverse Twist
1-1/2"	40mm	±1.0	0.63mm-1.45mm	0.5m -2m	Normal Twist or Reverse Twist
2"	50mm	±1.0	0.63mm-2.00mm	0.5m -2m	Normal Twist or Reverse Twist
2-1/2"	65mm	±1.0	0.80mm-2.80mm	0.5m -2m	Normal Twist or Reverse Twist
3"	75mm	±1.0	0.88mm-3.20mm	0.5m -2m	Normal Twist or Reverse Twist
4"	100mm	±1.0	1.00mm-3.50mm	0.5m -2m	Normal Twist or Reverse Twist

GABION BOX SPECIFICATION

Opening (mm)	Wire Diameter (mm)	Wire Diameter (PVCCoated)	Strands	Mesh Wire (mm)	Selvaqe Wire (mm)	Lacing Wire (mm)	Lenght x Width x Height(m)
60x80	2.0-2.8	2.0/3.0-2.5/3.5	3	2	2.4	2	1x1x1
80x100	2.0-3.2	2.0/3.0-2.8/3.8	3	2.2	2.7	2	1.5x1x1
80x120	2.0-3.2	2.0/3.0-2.8/3.8	3	2.4	3	2	2x1x1
100x120	2.0-3.4	2.0/3.0-2.8/3.8	3	2.7	3.4	2.2	3x1x1
100x150	2.0-3.4	2.0/3.0-2.8/3.8	3	3	3.9	2.4	4x1x0.5
120x150	2.0-4.0	2.0/3.0-3.0/4.0	3	3.4	3.9	2.4	4x1x1

Technical Notes:

Min Wire Diameter: 0.45mm

Min Opening: 1/2"

Weight(kg)=Wire Diameter²(mm) x roll length(m) x roll width(m) / 2 x cardinal number

Cardinal number: 1/2"=2.15 1"=1.27 3/4"=1.60 3/8"=2.40 5/8"=1.87 5/4"=1.09 2"=6 3"=0.44 4"=0.31

HEXAGONAL WIRE NETTING WEAVING STYLE

— BEST PARTNER OF MESH

Weaving Style: Normal twist 3 knots, Normal twist 5 knots, Reverse twist 5 knots, Reverse twist 7 knots, Twisting with reinforcement wire in the middle.



1

Normal twist 3 knots



2

Normal twist 5 knots



3

Reverse twist 5 knots



4

Reverse twist 7 knots



5

Reinforcement wire in the middle



6

Double wires edge

HEXAGONAL WIRE NETTING APPLICATIONS

Mesh/inch	Wire diameter	Usage
13mm x 13mm	0.45mm-0.81mm	Small Birds, Mouse protection
16mm x 16mm	0.45mm-0.71mm	Fruit cages, bird protection, engineering uses
20mm x 20mm	0.45mm-1.00mm	Bird protection, enclosures for small animals
25mm x 25mm	0.45mm-1.00mm	Rat and squirrel protection
31mm x 31mm	0.63mm-1.45mm	Fox protection, cat and dog enclosures
40mm x 40mm	0.63mm-1.45mm	Fox protection and dog enclosures
50mm x 50mm	0.63mm-2.00mm	Breeding chickens, poultry
65mm x 65mm	0.80mm-2.80mm	Make fence, stucco netting
75mm x 75mm	0.88mm-3.20mm	Make fence, stucco netting
100mm x 100mm	1.00mm-3.50mm	Made into gabions or baskets for protection
60mm x 80mm	2.00mm-2.80mm	Control and guide of water or flood
80mm x 100mm	2.00mm-3.20mm	Flood bank or guiding bank
80mm x 120mm	2.00mm-3.20mm	Preventing rock failing, Bridge protection
100mm x 120mm	2.00mm-3.40mm	Protection of seaside area
100mm x 150mm	2.00mm-3.40mm	Used in stone cage or stone cage cushion
120mm x 150mm	2.00mm-4.00mm	Used in reservoir, river or dyke for closure

Application: Mainly used for feeding chicken, Birds, Ducks, Geese, Rabbits and the fence of zoo . Also used in machinery protection, fences for road, railway, etc. It can be made into box to hold stones and sand to protect the bank, hillside, bridge and other related civil engineering against the flood.

