



PRODUCT DATA SHEET
STEEL WIRE ROPE NET
FOR ROCKFALL PROTECTION MEASURES

High strength steel wire rope nets comprise galvanized steel wire ropes in both vertical and horizontal directions. At the intersections vertical and horizontal chords have a tucked joint fixed with special clamps. The nets comprise an upper hang portion with only vertical chords for anchorage and a lower net portion with both vertical and horizontal chords so as to retain the boulders. The appropriate aperture size and the length of the hang and net portions are selected to suit site requirements.

SPECIFICATIONS OF GALVANIZED STEEL WIRE ROPE NETS				
Aperture Size, vertical x horizontal, mm x mm		300 x 300	300 x 600	450 x 450
Property	Unit	Specification		
Material	-	Galvanized Steel Wire Rope		
Rope Grade	N/mm ²	1770		
Nominal Diameter	mm	9		
Min. breaking force	Kgf	4500 Kgf		
Construction of wire rope	-	6 x 19 with fibre (polypropylene) core and as per IS 2266		
Tensile Strength of wires & zinc coating	-	As per IS 1835		
Construction of the net	-	Joints tucked in one direction and clamped		
Tensile Strength of Net				
Vertical Direction	Kg/m	12500	12500	8500
Horizontal Direction	Kg/m	12500	6700	6700
Punching Strength	Kg	9000	8000	7000
Dimension :				
Length of the hang portion	m	6 / 8 / 10 / 12		
Length of net portion	m	10 / 15 / 20 / 25 / 30 / 35		
Width	m	5.0		

Notes:

1. The information given in this data sheet is based on tests conducted at our in-house laboratory.
2. Dimensions can be altered as per site condition and customer requirements.
3. Garware-Wall Ropes Ltd. reserves the right to change the specifications without prior notice.

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