

# TECHNICAL DATA SHEET

## Rolled Cable Net 0/8.6/190

Rolled Cable Net	
Diagonal:	$x \cdot y = 11.4 \cdot 11.4$ in (+/- 5%)
Mesh width:	$D_i = 7.5$ in (+/- 5%)
Angle of mesh:	$\epsilon = 85$ degrees
No. of meshes longitudinal:	$n_l = 1.05$ pcs/ft
No. of meshes transversal:	$n_q = 1.05$ pcs/ft

Corrosion protection	
Corrosion protection:	GEOBRUGG SUPERCOATING
Compound:	95 % Zn / 5% Al
Coating:	min. 0.0256 lb/ft <sup>2</sup>

Steel strand	
Diameter of spiral rope:	$D_L = 0.34$ in (5/16 in)
Construction:	1 x 3

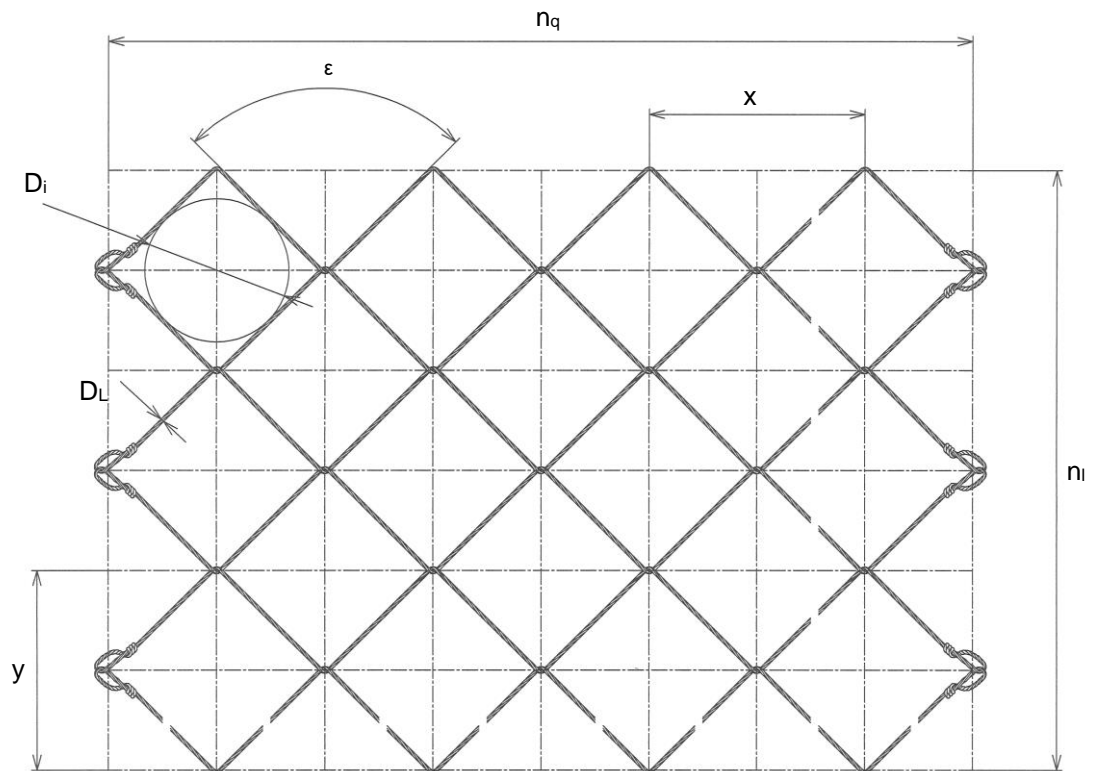
Steel wire	
Wire diameter:	$D_w = 0.157$ in
Tensile strength steel wire:	$f_t \geq 256$ ksi
Material:	high-tensile steel wire
Tensile resistance of a wire:	$Z_w \geq 5$ kips

Net rolls (standard)	
Roll width:	$b_{Roll} = 11.5$ ft (min.)
Roll length:	$l_{Roll} = 98.4$ ft (min.)
Total surface per roll:	$A_{Roll} = 1130$ ft <sup>2</sup>
Weight per ft <sup>2</sup> :	$g = 0.75$ lbs/ft <sup>2</sup>
Weight per roll:	$G_{Roll} = 848$ lbs
Net edges:	Mesh ends knotted

Load capacity	
Tensile strength of net longitudinal:	$z_l \geq 15.1$ kips/ft

**Only available in North America!**

Rolled Cable Net  
0/8.6/190



Rockfall, slides, mudflows and avalanches are natural events and therefore cannot be calculated. This is why it is impossible to determine or guarantee absolute safety for persons and property with scientific methods. This means that to provide the protection we strive for, it is imperative to maintain and service protective systems regularly and appropriately. Moreover, the degree of protection can be diminished by events that exceed the absorption capacity of the system as calculated to good engineering practice, failure to use original parts or corrosion (i.e., from environmental pollution or other outside influences)