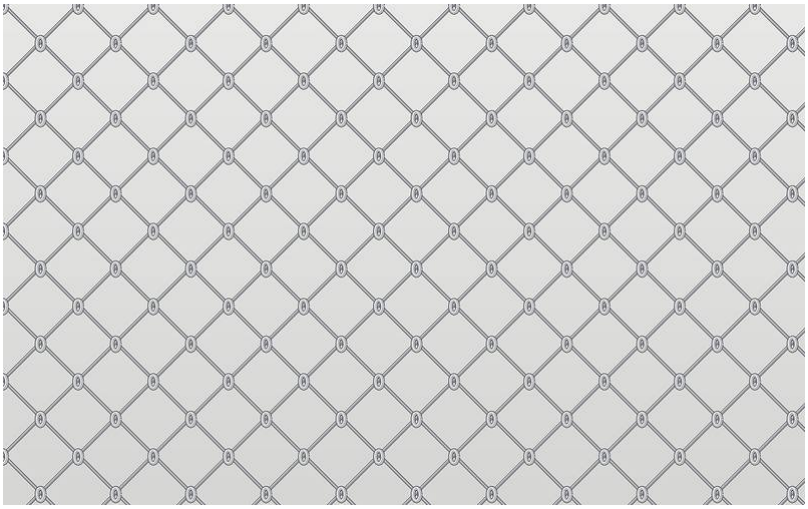
VERTEX ROPE 94

Stainless steel ferrule rope mesh



A lightweight, near-invisible stainless steel rope mesh made of 7x7 wire rope joined by crimped ferrules into a diamond pattern. Flexible in both directions, it follows curved and three-dimensional shapes and keeps views open while providing reliable fall and safety protection - ideal for balustrades, stair voids, bridges, zoo enclosures and green facades.

Technical Data

Model	VERTEX ROPE 94
Series	VERTEX
Construction	7x7 stainless wire rope joined by crimped ferrules (diamond pattern)
Panel type	Flexible (both directions)
Open area	94%
Overall thickness	3/16" (4.5 mm) at ferrules
Rope diameter	1/16" (1.5 mm), 7x7
Opening (nominal, W x H)	2" x 2" (50 x 50 mm) diamond, 60-90°
Weight (nominal, stainless steel)	0.6 kg/m² (0.12 lb/ft²)
Available range	Rope 3/64"-5/32" (1.2-4.0 mm); diamond 1"-8" (25-200 mm)
Standard materials	Stainless steel 304 / 316 rope; stainless or nickel-plated copper ferrules
Finishes	Natural stainless; black oxide rope for low-visibility installations
Supply format	Made-to-measure nets with a perimeter rope, sized to your openings; large spans in one piece.

Weight by Material (nominal)

Material	kg/m²	lb/ft²
Stainless steel 304 / 316	0.6	0.12

Key Features

- Near-invisible diamond net with 94% open area
- Flexible in both directions for curved and 3D shapes
- Fall protection and climbing support for plants

Ideal for: Balustrades, stair voids, bridges, zoo enclosures and green facades.

Performance & Design Data

Solidity (1 - open area)	6%
Fire behaviour	Bare stainless steel is a non-combustible metal. Coated, plated or backed finishes: classification per project test report.
Corrosion guidance	304 for interiors and protected exteriors; 316 / 316L for exterior, coastal and polluted environments.

Installation & Framing

Recommended fixing	Perimeter rope tensioned to a tube or flat-bar frame with stainless clips or turnbuckles; or laced directly to posts and handrails.

How to Specify

1. Pattern name, e.g. VERTEX LINK 71
2. Material and grade, e.g. Stainless steel 316
3. Finish, e.g. PVD Black Titanium or RAL 9005
4. Panel width x height and quantity
5. Opening direction (rectangular patterns)
6. Edge or frame profile and size
7. Indoor or exterior, and site location
8. Target delivery date

Nominal values are calculated from pattern geometry and industry reference data and may vary by approx. 10-15%. Weights for other alloys are calculated from the base-material value. Element size, opening, alloy, finish and panel size can be customized - please confirm final specifications with a physical sample.