



# Link™ WOVEN HEXAGONAL MESH GABION GALFAN 8/2.7

**MANUFACTURE:** Link Gabions shall be manufactured from double twist hexagonal woven wire mesh in accordance with EN 10223-3.

**MESH SIZE:** The mesh openings shall be hexagonal and of nominal dimension of 80mmx100mm and shall conform to EN10223-3.

**MESH WIRE:** The nominal mesh wire for the body of the mattress shall be 2.7 mm in diameter and of a nominal 3.4mm for the selvedge wire. Both the body wire and the selvedge wire shall be in accordance with EN 10218-2 and EN 10223-3.

**CORROSION PROTECTION:** Galfan coated to EN 10244-2 Class A (245g/m<sup>2</sup>). Galfan shall be supplied from ingot source complying with ASTM B750 to include rare earth metals.

**JOINTING:** All joints and connections shall be formed with continuous 2.2mm Galfan lacing wire and/or high tensile 3mm diameter Galfan "C" rings.

**DIAPHRAGMS:** Fixed at 1.0m c/c across the gabion width for all units equal to or greater than 2m in length.

**BBA APPROVAL:** Link Gabions made from PVC coated hexagonal wire mesh are BBA certified for up to 120 years design life. When using wire that has not been PVC coated then the design life should be assessed from the predicted loss of the specific coating type and coating mass based on exposure conditions. Galfan coated wire has been assessed to have a design life of 2-3 times that of zinc galvanised coatings of comparable coating mass and similar exposure conditions.

BBA Agrément Certificates No. 00/3682 and 99/R117 (Roads and Bridges) refer.



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## STANDARD GABION SIZES (NOMINAL)

LENGTH (M)	WIDTH (M)	HEIGHT (M)
1	1	1
2	0.5	0.5
2	1	0.5
2	1	1
4	1	0.5
4	1	1

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