



## Link™ WOVEN HEXAGONAL MESH GABION GALFAN & PVC COATED 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 gabion 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. The addition of PVC coating shall increase stated wire diameters by 1mm.

**CORROSION PROTECTION:** Galfan coated to EN 10244-2 Class A (245g/m<sup>2</sup>) with an extruded grey PVC coating of mean wall thickness of 0.5mm. Galfan shall be supplied from ingot source complying with ASTM B750 to include rare earth metals.

PVC coating to EN 10245-2.

**JOINTING:** All joints and connections shall be formed with continuous 2.2mm PVC coated Galfan lacing wire and/or high tensile 3mm diameter stainless steel "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 Gabion PVC coated hexagonal wire mesh is BBA certified for up to 120 years design life. The use of 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) refers.



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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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