



Dunstall Hill Trading Estate,
Gorsebrook Road, Wolverhampton, WV6 0PJ
Tel 01902 712200
Fax 01902 714096
e-mail: sales@hy-tengabions.com
web: www.hy-tengabions.com

**GABION SPECIFICATION:
PVC MESH 3.0/3.5mm with 3.8/4.3mm Face and Rear Panel**

Gabions shall comply with the following specifications

MANUFACTURE	<p>Gabions shall be manufactured from steel wire formed into a bi-axial mesh grid by electrically welding the cross wires at every intersection.</p> <p>Gabions to be factory assembled with stainless steel clips connecting side panels and diaphragms to the base panel.</p>
MESH SIZE	<p>Mesh opening shall be square of nominal dimension of 76.2mm on the grid.</p>
MESH WIRE	<p>Nominal wire diameter shall be 3.0mm to BS 1052 to the body of gabion and 3.8mm to the face and rear of the unit.</p>
CORROSION PROTECTION	<p>Wire shall be galvanized to BSEN 10244-2:2001, additionally coated with fusion bonded green PVC after welding nominally 0.5mm thickness.</p>
JOINTING	<p>Gabions shall be provided with lacing wire for site assembly. Lacing shall be wire of nominal wire diameter 2.2mm with an extruded PVC coating of nominal thickness 0.5mm for final jointing.</p>
ROCKFILL	<p>Gabion fill shall be hard durable and non-frost susceptible rock or stone type having minimum dimension not less than the mesh opening and a maximum dimension of 100 mm-150mm.</p>
CONSTRUCTION	<p>All rock fill shall be packed tightly to minimize voids and the rock fill on the exposed face of the gabion is to be hand packed.</p> <p>Internal windlass bracing ties 2, per 1sqm at 1/3rd points vertically and midpoint horizontally on 1m deep units, and at mid height and mid-point horizontally on 0.5m deep units.</p> <p>Adjacent units to be joined by continuous lacing on the vertical and the horizontal joints at front and rear of coursing joints.</p> <p>Units shall be filled such that the mesh lid bears onto the rock fill. The lids shall be wired down on all joints and across the diaphragms.</p>