HY-TEN GABION SOLUTIONS
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PVC mesh 3.0-3.5mm with a 3.8-4.3mm face

Gabions shall comply with the following specifications

MANUFACTURE	Gabions shall be manufactured from steel wire formed into a bi-axial mesh grid by electrically welding the cross wires at every intersection. Gabions:-to be factory assembled with stainless steel clips connecting side panels and diaphragms to the base panel.
MESH SIZE	Mesh opening shall be square of nominal dimension of 76.2mm on the grid.
MESH WIRE	Nominal wire diameter shall be 3.0mm to BS 1052 to the body of the gabion and 3.8mm the face of the unit.
CORROSION	Wire shall be galvanised to BSEN 10244-2;2001 and additionally PROTECTION coated with fusion bonded Green PVC after welding nominally 0.25mm radial thickness.
JOINTING	Gabions shall be provided with lacing wire for site assembly. Lacing wire shall be nominal wire diameter 2.2mm with an extruded PVC coating of nominal thickness 0.5mm for final jointing.
ROCKFILL	Gabion fill shall be a hard durable and non frost susceptible (rock or stone type) having a minimum dimension not less than the mesh opening and a maximum dimension of 200mm.
CONSTRUCTION	All rockfill shall be packed tightly to minimize voids and the rockfill on the exposed face of the gabion is to be hand packed. Internal windlass bracing ties 2 per 1sqm at 1/3rd points vertically and mid point horizontally on 1m deep units and at mid height at mid point horizontally on 0.5m deep units. Adjacent units to be jointed by continuous lacing on vertical and to the horizontal joints at front and rear of coursing joints. Units shall be filled such that the mesh lid bears onto the rock fill. The lid shall be wired down on all joints and across the diaphragms.