

SPECIFICATIONS

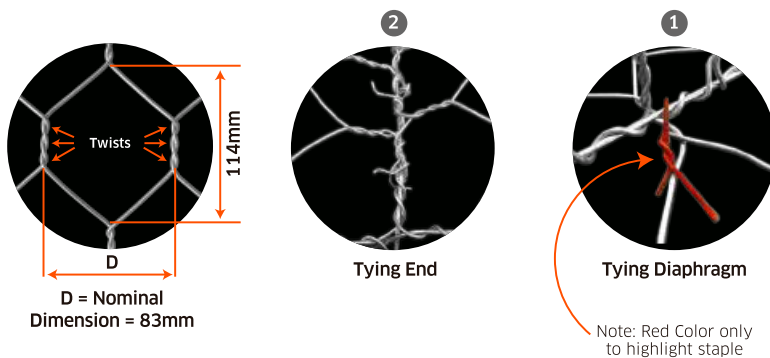
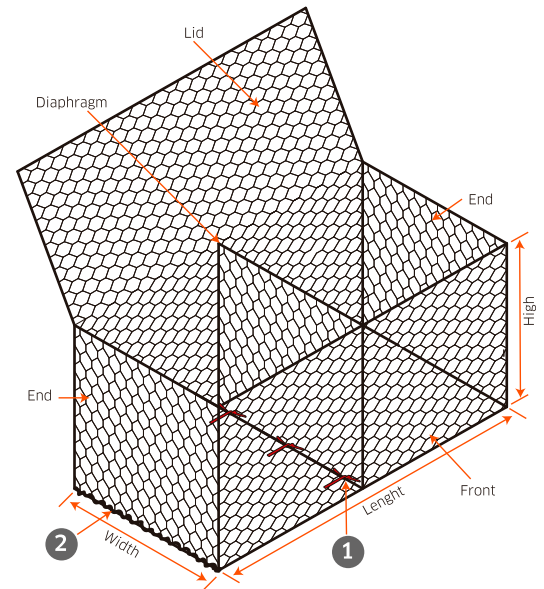
P.V.C. Gabion Specs

Low carbon steel	1008 - 1010	ASTM A510
Resistance to tension	65,000 - 75,000 lbs/plg ² 4,570 - 5,273 kg/cm ²	ASTM 641
Elongation	20% minimum	
Ovalization	0.025 mm max	
Zinc coating	245 gr/m ² minimum	ASTM A90
Diameter	+/- 0.1mm	ASTM A641.714
Coating	Extrusion bond	ASTM A641
Color	Gray	
Specific Gravity	1.31 gr/cm ³	ASTM D792
P.V.C. Coating	0.38 mm min - 0.53 mm max	ASTM A90
Resistance to rupture	190 kg/cm ² minimum	ASTM D638
Elongation	260% minimum	ASTM D638
Hardness	50-60 shore grades	ASTM D2240

Squareness	80 x 100 mm
Wire Diameter	Galv. 2.7 and 3.4 mm PVC 3.6 and 4.3 mm
Tolerances Mesh Opening	+/- 10%
Resistance to tensile	4,300 kg/m
Tolerances (length, width, height and weight)	+/- 5%
Diaphragm	minimum 1.0 m - maximum 1.5 m

Galvanized Gabion Specs

Low carbon steel	1008 - 1010	ASTM A510
Resistance to tension	Gauge 13.5 5273 kg/cm ² max Gauge 9 & 11 4921 kg/cm ² max	ASTM 641
Elongation	15% minimum	
Zinc coating minimum	Gauge 13.5-229 gr/m ² Gauge 11 - 259 gr/m ² Gauge 9 - 275 gr/m ²	ASTM A641
Diameter tolerance	+/- 0.1 mm +/- 0.004 mm	ASTM A641
Wire diameter	2.2 mm, 3.05 mm, 3.8 mm	
Squareness	80 x 100 mm	
Tolerances (width and weight)	+/- 0.5 %	
Tolerances mesh opening	+/- 10 %	
Resistance to rupture	Paralel to twist 5210 kg/m Perpendicular to twist 2682 kg/m	



All connections are made mechanically from the plant in according with ASTM A975. Having a minimum resistance to tension 2,080 kg/m.