

Permathene Stainless Steel 316L Physical Properties

Stainless Steel Gabion Mesh (316L)

Thickness	3mm	4mm
Tensile Strength	780 - 1100N/mm ²	650 - 1100N/mm ²
Elongation	> 40%	> 40%
Weld Shear Strength	> 3000N	4600 - 5400N
Mesh Opening	50mm x 50mm	75mm x 75mm
Spirals	3mm	4mm
Stiffener Wires	3mm	4mm

Chemical (% by weight)

Carbon	0.03 (Max)
Nickel	10-14
Molybdenum	2-3
Chromium	16-17

Stainless Steel "C" Rings (302)

Size	3mm diameter x 45mm (Measured at widest point)	3mm diameter x 45mm (Measured at widest point)
Tensile Strength	1600 - 1800 N/mm ²	1600 -1800 N/mm ²

* Permathene stainless steel gabion mesh meets ASTM A580 & ASTM A185.



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