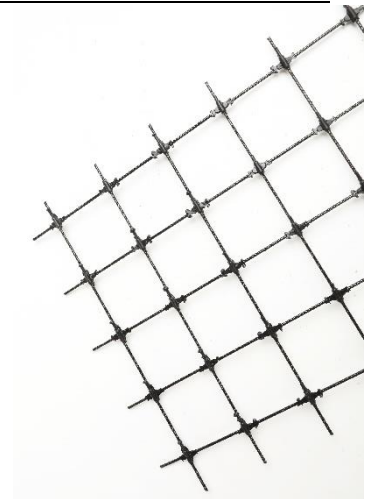


**Intended use**

FRP mesh is designed to replace conventional metal mesh used for reinforcement of various construction structures.

Application of mesh in addition to civil and industrial construction, the most justified in aggressive and humid environments, chemical industries, sewage treatment plants, agriculture, septic tanks, vaults, hydraulic structures.



**Design**

Composite mesh is produced of FRP rebars, arranged perpendicular to each other and securely fixed at the cross point.

Cross-joints of mesh are welded with a high strength polymer composition, which improves reliability and durability of a structure. Due to small diameter, our composite mesh is light and thin, which makes transportation much easier.

**Technical characteristics**

FRP Mesh (No.10-3,94")/ (No.10-3,94")		
Rebar type	FRP W 1,3 (Gauge No 10) ribbed	
	Imperial	Metric
Spacing in longitudinal / transverse direction	3,94"	
Nominal Dia.	0,129 in.	3,28 mm
Nominal Area of one bar	0,013 sq. in.	8,45 sq. mm.
Breaking load of one bar,	2088 lb	9,29 kN
Tensile strength	159 ksi	1100 MPa
Tensile modulus of elasticity	6887 ksi	47500 MPa
Fiber Mass Content, %	81,2	
Moisture Absorption in 24 hrs. at 50°C, %	0,142	
Weight	0,082 lbs/ft <sup>2</sup>	402 g/m <sup>2</sup>

**Advantages**

- ABSOLUTE CORROSION RESISTANCE
- HIGH STRENGTH
- LOW WEIGHT
- ABSOLUTE ECO-FRIENDLINESS AND FIRE SAFETY
- DURABILITY
- DIELECTRIC
- NON-MAGNETIC
- LOW THERMAL CONDUCTIVITY