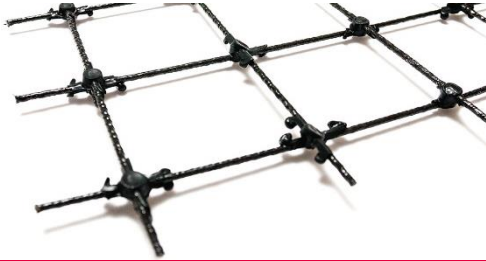


# TECHNICAL DATA SHEET

## FRP MESH

HS CODE 392590800000



### 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.

### Advantages

- ✓ Absolute corrosion resistance
- ✓ High strength
- ✓ Low weight
- ✓ Absolute ECO-friendliness and fire safety
- ✓ Durability
- ✓ Dielectric
- ✓ Non-magnetic
- ✓ Low thermal conductivity

## Technical characteristics

Property	Limit		
Bar (wire) diameter	2,2 mm / gauge 11	2,2 mm / gauge 11	3,0 mm / gauge 9
Opening sizes	50x50 mm / 2x2 in	100x100 mm / 4x4 in	100x100 mm / 4x4 in
Ultimate Tensile Force	9,2 kN / 2,1 kip		
Tensile strength	1200 MPa / 174 ksi		
Tensile modulus of elasticity	55000 MPa / 8,04 Msi		
Fiber Mass Content, %	81		
Moisture Absorption in 24 hrs. at 50°C, %	0,12		