



Fiberglass Multiaxial Stitched Fabric(Multi-axial F

Fiberglass Multi-axial Stitched Fabric(Multi-axial Fabric)

Details

Fiberglass Multi-axial Stitched Fabric(Multi-axial Fabric)

One layer or several layers of rovings are parallel placed. The layers of rovings can be stacked in different directions with different densities. Then they are stitched by terylene thread. Such fabric with mesh structure is Multi-axial Fabric which is briefly called MWK. It's compatible with UP, Vinyl ester and Epoxy etc.

Product Characteristics

Because we can use different rovings with different densities and different materials to make the layers, the mechanical property of different directions is not the same. The main feature of Multi-axial Fabric is that it can hold different weights. The width can be adjusted. The roving density and the tension are both high. The finished products have high tension and light weight.

Product Specification

There are many specifications for Multi-axial Fabric. Now there is not a uniform standard. We usually produce according to customers' requirement. The main specifications are as follows:

Description	0°g/m ²	90°	+45°	-45°	Mat	Stitch Thread	Total Weight
MWK400 Unidirectional Fabric	413	50			50	12	525
MWK1200 Unidirectional Fabric	1213	54			50	12	1329
MWK600 Bidirectional Fabric	331	300				12	643
MWK1200 Bidirectional Fabric	606	600				12	1218
MWK800 Triaxial Fabric	284		267	267		10	828
MWK1000 Triaxial Fabric		390	301	301		8	1000
MWK800 Quad-axial Fabric	213	213	199	199		10	834
MWK1800/225 Quad-axial Fabric	567	567	301	301	225	10	1971