

# Complexes



## Properties

- **Excellent conformability**
- **Quick impregnation due to the absence of binder**
- **Very good wet-through due to the stitch bonding**
- **Higher glass fiber content in the laminate**
- **Higher mechanical properties especially in flexural strengths and impact resistance**
- **High anti-corrosion properties**

Glass fiber complexes are made from E-glass woven roving stitched together with E-Glass chopped strand mats made in situ. They are mainly used for hand lay-up applications with polyester, vinylester and epoxy resins.

## Specifications

Reference Style	Nom. Weight (g/m <sup>2</sup> )		Weight (g/m <sup>2</sup> )	Thickness (mm)	Weight per roll (kg)	Weight per pallet (kg)
	Woven	Mat				
30-30	300	300	614	1.3	38	450
50-30	504	300	819	1.4	44	520
50/45	504	450	969	1.6	46	520
60-30	600	300	915	1.6	50	600
60-45	600	450	1066	1.7	52	620
80-30	816	300	1133	1.8	55	660
80-45	816	450	1248	1.8	57	680
90-30	910	300	1248	1.8		
90-45	910	450	1365	2.2		

Each roll is wrapped in a PE-film bag. Standard width is 120cm.

## Storage

Glass fiber complexes should be stored in their original packaging.

The temperature should not exceed 35 degrees C and the relative humidity should be kept below 70 %.

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