

Product information

Dipecore® - mat/nonwoven/mat
Triple composite material



Product description:

The triple composite material Dipecore® is a sandwich-complex of mat/nonwoven/mat. It was especially developed for closed processes like RTM, RTM light, low-pressure-compression, infusion, a.s.o.

The most important advantages are time saving whilst cutting compares with single components, high formability and so very easily to drape into the mould. As well as optimum resin flow. It is especially recommended for the optimum reproduction of middle and big production runs

Note: Besides this standard combination instead of mat alternative square products like surface nonwovens, nonwovens (solid, bidirectional, multiaxial) and fabric can be sewed as sandwich. Please ask us.

Technical characteristics (target values):

Mat:	Glass type	E-glass
	Fiber length:	50 mm
Nonwoven:	Material:	polyester
Combination:	Binding:	sewed with PES-fibers
	Width:	Standard width: 125 cm, special widths from 15 – 250 cm
	Resin system:	suitable for UP-, EP- and vinylester resins

Standard adjustment:

Square weight	Thickness (ca.)	Square weight			Roll length	Roll weight	Pallet-weight
		Mat	Nonwoven	Mat			
750 g	3 mm	300 g/m ²	150 g	300 g	40 m	ca. 27 kg	ca. 162 kg
850 g	5 mm	300 g/m ²	250 g	300 g	50 m	ca. 44 kg	ca. 265 kg
1080 g	9 mm	450 g/m ²	190 g	450 g	40 m	ca. 50 kg	ca. 300 kg
1150 g	10 mm	450 g/m ²	250 g	450 g	40 m	ca. 60 kg	ca. 360 kg

Further square weights and special widths on request.

Conditioning and labeling (standard version):

Rolls per pallet:	6 pieces
Pallet base:	150 x 105 cm

For detailed technical information of the latest production norm please ask for the technical data sheet