



# TECHNICAL DATA SHEET

## SK2RIM180-1

### Knitted resin distribution mesh

#### ► DESCRIPTION

The resin distribution media is composed of a warp-knitted basic structure and monofilament created loops. The 2-dimensional flowing aid supports the vacuum infusion process (VIP), because it distributes the resin equally into the component part. Therefore, it can easily be combined with the resin distribution tapes SK2RIM180-2 in order to ensure a much more optimized resin distribution in the component.

The elasticity of this knitted fabric is very advantageous for the drapability of the resin media. Because of the low weight per unit, low wastages of resin can be realized. SK2RIM180-1 is available with black tracer threads that indicate the roll direction of the mesh. It can also be used as a reusable flexible / high stretch breather for vacuum bagging and consolidation. Flow rate of the resin in the mesh roll direction is about 18% faster compared to the resin flow at 90° to the mesh roll direction. Therefore, take note of the mesh direction when using.

This product is used in various manufacturing processes of parts made of composite materials.

#### ► TECHNICAL DATA

Material type:	PES
Color:	White
Weight:	100g/m <sup>2</sup>
Maximum use temperature:	190°C
Melting point:	220°C

#### ► SIZE

Thickness	Width	Length
650µm	1250mm	100m
650µm	2500mm	100m





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Shelf life: not limited

Storage conditions: it is recommended to store at temperature from -20°C till + 30°C in the original packing.

► **NOTE**

MOQ is 1 roll.