

# AEROFILM™ BR180

## Breather Layer Cloth



### Key Features

- 180°C service temperature
- Economical
- Multipurpose
- 140gsm & 320gsm

### Description

BR180 Breather Layer Cloth is a 140gsm and heavyweight 320gsm non-woven polyester/polyamide felt fabric suitable for use as a breather layer when vacuum bagging prepreg laminates or as a breather and soaker layer when vacuum bagging wet-lay laminates.

### Typical Uses

- Prepreg vacuum bagging (autoclave and out-of-autoclave)
- Vacuum bagged wet-lay
- Padding on rear of moulds to help prevent accidental bag puncturing

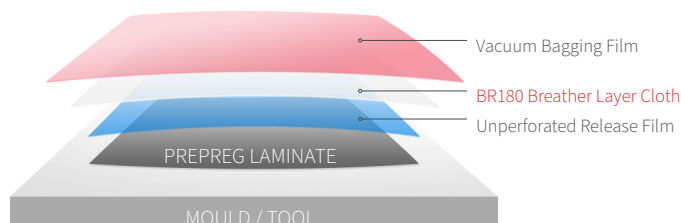
It is essential to separate the breather/soaker layer from the laminate to avoid the material from being wetted out by the resin and becoming an unremovable part of the laminate. This separation is usually provided by a release film, peel ply or both.

### Specification

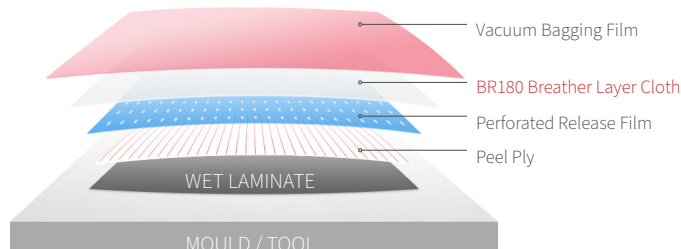
Property	Unit	Value
Material	-	90% Polyester 10% Polyamide Non-woven
Width	mm	1520 (-0+2%)
Format	-	Single Sheet
Maximum Use Temperature	°C	180
Areal Weight	g/m <sup>2</sup>	140 & 320
Appearance	-	White

Following are some example consumable stacks demonstrating how breather is typically used in different processes:

#### Example Stack : Prepreg Laminating



#### Example Stack : Prepreg Laminating



### Handling & Storage

BR180 is a stable polyester non-woven with no special handling or storage requirements.

### Disclaimer

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Page 1 of 1