

DESCRIPTION

Compoflex® SB 250 is a peel ply, release film, and breather/bleeder fabric designed to control resin flow and facilitate the removal of consumables from composite laminates.

Compoflex® SB 250 produces a highly textured and rough surface finish, making it ideal for secondary bonding operations or painting of composite laminates.

Compoflex® SB 250 can reduce or eliminate the need for sanding or surface abrasion. Best results are achieved with epoxy resin systems; however, preliminary testing is always recommended prior to production use. The release film perforation pattern provides **low-to-medium bleed characteristics**.

Compoflex® SB 250 is a medium-weight breather/bleeder fabric (150 g/m² / 5 oz/yd²), ideally suited for low-pressure curing applications and can also be used as a drainage medium under any vacuum or pressure conditions.

It is compatible with polyester, vinyl ester, epoxy, phenolic, and other thermosetting resin systems.



TECHNICAL DATA

Property	Compoflex SB 250	Standard
Recommended Operating Temperature	145°C (293°F)	-
Fiber Type	Polypropylene	-
Fabric Construction	Nonwoven	-
Areal Weight	250 g/m ²	EN 195
Thickness	1,0 mm	ISO 9863 - 1
Tear Strength (MD/CD)	305 N/195 N	ISO 9073 - 4
Pore Size	< 10 µm	ISO 12956

NOTES

The melting point of polypropylene is **165°C (329°F)**, while the recommended operating temperature for Compoflex® SB 250 is approximately **145°C (293°F)**. However, some customers successfully use Compoflex® products at temperatures up to **200°C (392°F)**.

This is possible because Compoflex® performs its intended function before the material temperature exceeds the melting point. After cooling, the material remains easy to remove and regains its dimensional stability. A trial on a small test area is recommended prior to full-scale application.



The technical data provided above are intended as guideline values only.

MD = Machine Direction

CD = Cross Direction

Available Sizes

- **Width:** 1.52 m (60 in)
- **Length:** 61 m (200 ft)
- **Packaging:** 16 rolls per pallet, each roll individually wrapped in transparent plastic.
- Rolls can be slit to custom widths.
- Maximum available width: **2.1 m (82.9 in)**.

