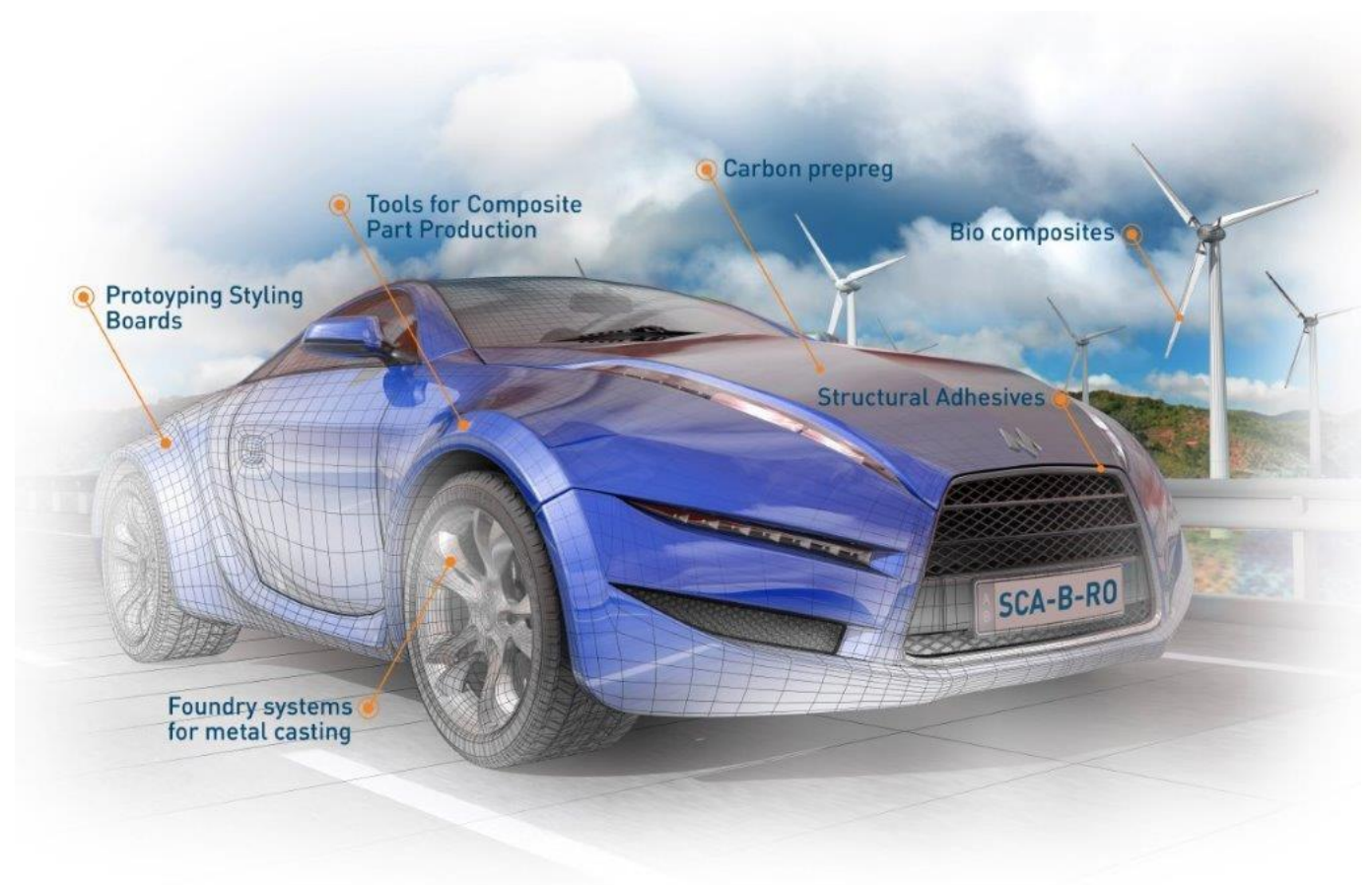


TECHNICAL DATASHEET

VacFilm 450V



MALLENBOUW | COMPOSITEN | LIJMEN

VACFILM™ 450V

Vacuum bagging film

Ideally suited to aerospace and wind energy applications

Features and Benefits

- Tough but flexible co-extruded vacuum bagging film.
- Suitable for high pressure autoclave cures up to temperature of 170°C (338°F).
- Ideally suited for use with medium temperature epoxy and phenolic prepregs.

PROPERTIES

Maximum use temperature	170°C (338°F)		
Color	Violet		
Tensile strength at break (ASTM D882)	Transverse direction Machine direction	42MPa 45MPa	6092PSI 6537PSI
Elongation at break (ASTM D882)	Transverse direction Machine direction	410% 400%	
Yield	50µm (0.002in) 75µm (0.003in)	19.12m²/kg 12.74m²/kg	10.37yd²/lb 6.91yd²/lb

AVAILABILITY

Thickness	50 and 75µm. 100 and 120 µm available on request	0.002 and 0.003in. 0.0039 and 0.0049 available on request
Roll weight	Up to 45kg	Up to 100lbs
Widths	Up to 5.5m (open)	Up to 216in (open)
Formats available	Tube, sheet, V sheet, gusseted and C-fold	

STORAGE

Vacfilm 450V is a hydrophilic material. Moisture and water act as plasticizers. The level of moisture content at time of use is therefore an important factor for successful performance. The higher the moisture content the more flexible they become. Conversely at lower moisture levels flexibility is limited. Do not store rolls vertically on their ends.

HEALTH & SAFETY

Please refer to the product MSDS for safe handling, personal protective equipment recommendations and disposal considerations.

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