suter-kunststoffe ag
swiss-composite.ch

Vacfilm® 400Y

Vacuum bagging film
Ideally suited to aerospace and wind energy applications

Features

- Tough, high elongation elastomeric film, suitable for de-bulking applications and oven curing of composites up to temperatures of 150°C (302°F).
- Due to the film's high elasticity, the necessity for pleats is reduced in debulk operations.
- Premium film for wind energy applications.
- Excellent recovery after elongation enables the film to be reused on subsequent debulk operations, making this film one of the most cost effective debulk products in our range.
- Good release from sealant tape.

Properties

Maximum use temperature	150°C (302°F)		
Colour	Yellow		
Tensile strength at break (ASTM D882)	Transverse direction Machine direction	40MPa 37MPa	5802PSI 5366PSI
Elongation at break (ASTM D882)	Transverse direction Machine direction	370% 360%	
Yield	50µm (0.002in) 65µm (0.0025in) 75µm (0.003in)	19.12m²/kg 14.71m²/kg 12.74m²/kg	10.37yd²/lb 7.98yd²/lb 6.91yd²/lb

Availability

Thickness	50, 65 and 75µm	0.002, 0.0025 and 0.003in
Roll weight	Up to 45kg	Up to 100lbs
Widths	Up to 10.05m (open)	Up to 394in (open)
Formats available	Tube, sheet, V sheet, gusseted and C-fold	

Storage

Vacfilm 400Y is a hydrophilic material. Moisture and water act as plasticisers. 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

Handling of these products must conform to individual company guidelines and health and safety regulations.

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