



Syntex SLA 45

Binder-free apertured synthetic veil

A synthetic veil is an essential component in the majority of fabricated composite parts. Whether used to enhance the corrosion layer in filament wound or moulded FRP pipes and tanks or to give a high quality surface finish and reduced print through in processes such as pultrusion and continuous laminating, **Syntex SLA 45** is the ideal choice combining cost-effectiveness and processability.

Features	Benefits
100% polyester	High chemical and UV resistance
Light weight	Low resin uptake, minimal effect on final part weight
Binder free	Complete compatibility with all resin systems Readily conforms to complex shapes
Near square properties MD:CD ratio 2:1	High strength in all directions
Fine aperture	Rapid wet out combined with excellent surface finish



Syntex SLA 45 in slit roll form

Applications include:-

- High quality surface finish
- High surface resin content
- Reduced print through of reinforcement structure
- Improved chemical and UV resistance
- Reduced pulling forces in pultrusion processes
- Fully compatible with all reinforcing laminates

Suitable for the following processes:-

Winding/filament winding, pultrusion, continuous lamination, hand lay-up, closed mould processes (RTM, vacuum infusion etc)

Technical Specification

Properties	
Areal Weight	45 +/- 5 g/m ²
Thickness	0.55 +/- 0.1mm
Tensile strength MD	100 N/50mm min
Tensile strength CD	45 N/50mm min
Elongation MD	25% min
Elongation CD	75% min
Binder type	None
Finish	Fine aperture

The data contained herein are nominal and are not intended to be a guaranteed specification
The user must be satisfied that the product is entirely suitable for the purpose



Fine aperture structure allows rapid wet out

Available in a range of roll lengths and widths

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