

EasyVeil FW Filament Winding Tissues

Suitable for Filament Winding



Technical Data

Item Code:	P200FW
Mass (gsm) (+/-2gsm)	23gsm
Nominal Thickness	(0.19mm-0.21mm)
Resin absorption (theoretical)	180g/m ²
Styrene monomer Solubility	Insoluble
Binder Type	Modified Acrylic
Binder Content	14% +/- 1%
Average Tensile Strength (Longitudinal)	35N/50mm
Standard Widths	From 45mm upwards to 2000mm
Standard Roll Lengths	200m, 250m or to order

Characteristics

- Made from five or six layers of continuous, C-glass (ASTM C162-93), 12 micron fibres, randomly dispersed across the sheet.
- Chemical resistance is **Acid Class 1**, (DIN12116), **Alkali Class 2** (DIN52322) and **Hydrolytic Class 3** (DIN12111).
- A modified acrylic binder, content of 14% provides improved tensile strength of the web and is insoluble in styrene monomer to facilitate wet processing under tension.
- Meets the requirements of BS4994, "Design and Construction of Vessels and Tanks in Reinforced Plastics" and ASME/ANSI RPT-1-1989, "Reinforced Thermoset Plastic Corrosion Resistant Equipment".

Applications

- The tissue has been designed for filament winding. A strength enhanced binder enables narrow bandages of the material to be run successfully in automatic filament winding machines.

These specifications are subject to change without notice, and are sold subject to our standard conditions of sale. Products can be made to order, at different fibre diameter, mass, thickness and width to the above, and with roll lengths to suit your needs. The user must be satisfied that the product is entirely suitable for the purpose.