

Typical Data

GF/C – Glass Microfibre Filter

Combines fine particle retention with good flow rate. Used in many parts of the world for collection of suspended solids in potable water and natural and industrial waste. Widely used in biochemistry for cell harvesting, liquid scintillation counting and binding assays.

Particle Retention Liquid¹ (µm):	1.2
Air Flow Rate^{2*} (s/100ml/in²):	6.7
Typical Thickness³ (µm):	260
Basis Weight⁴ (g/m²):	53
Wet Burst⁵ (psi):	0.3
Tensile M/D Dry⁶ (N/15mm):	6.6

¹ Particle retention rating at 98% efficiency.

^{2*} Air flow rate determined with Gurley Densometer with 5oz and 1in² (6,45cm²) test area.

³ Thickness at test pressure of 53kPa.

⁴ Grammage defines weight per unit area, preferably of circular sheets of area 100cm².

⁵ Wet Burst as well as Dry Burst is determined with filter test area of 1in² (6,45cm²) which is made to burst by applying an increasing pressure. 1psi is equivalent to 0,069 bar.

⁶ Tensile M/D Dry is determined with strips of 15mm x 180mm which were subjected to an increasing vertical load.

Typical data only – does not represent a product specification.