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Liquifil Product Guide

Physical Properties

Grade	: Liquifil 1001
Total Basis Weight	: 225 g/m²
Thickness	: 1.25 mm / 0.05 ”
Air Permeability	: 100 cm³/cm²/s @ 980 Pa.
Filter Pore Size	: MAX 190 microns, MEAN 135 microns
Carbon Type	: Coal, 325 mesh
Carbon Surface Area	: 900 – 1100 m²/g
Carbon Content	: 60%, 135 g/m²
Standard Width	: 100cm, 39” effective

Mechanical and Chemical Properties

Parameter	High % Carbon	Strong	Acid Resistant	Potable Water Use	Food Use	High Flow	Hot Oil Filtration	Can be Wound	Cellulose Free
Liq 258						✓	✓		
Liq 259	✓	✓	✓	✓	✓				
Liq 270	✓		✓					✓	
Liq 1001	✓			✓		✓		✓	✓

Typical Applications

Ideal for water filters – this is a cellulose free material

Special Attributes

Meets the requirement for filtering potable water at below 100°F in accordance with FDA 177.2260 (l,m)

Health and Safety

Liquifil 1001 is an air laid web material consisting of powdered activated carbon bound onto a polyester nonwoven base with a polyacrylate latex. None of the materials are known to present a hazard when in the form described. The material is best stored in its original wrappings, avoiding extremes of temperature and strong odours / solvents.

If cut Liquifil 1001 may produce dust. Under UK Regulations (EH40/99) the OES of the dust is quoted as LTEL (8 hr. TWA) of 3.5mg/m³ and STEL (15 min. period) of 7 mg/m³. Used material should be disposed of responsibly in accordance with Local, State or Federal regulations.