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Liquifil Product Guide

Physical Properties

Grade	: Liquifil 270
Total Basis Weight	: 450 g/m²
Thickness	: 1.30 mm / 0.05 ”
Air Permeability	: 20 cm³/cm²/s @ 980 Pa.
Filter Pore Size	: MAX 46 microns, MEAN 30 microns
Carbon Type	: Coal and Wood Blend, 325 mesh
Carbon Surface Area	: 1000 – 1200 m²/g
Carbon Content	: 50%, 225 g/m²
Standard Width	: 99cm, 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

Filtration of chemical solutions
Filtration of electroplating solutions

Special Attributes

Low weight, general purpose filter
Also available in a low sulphur version – please ask for details

Health and Safety

Liquifil 270 is an air laid web material consisting of powdered activated carbon and cellulose wood pulp, bound onto a viscose backing with a modified acrylonitrile copolymer 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 270 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.