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Liquifil Product Guide

Physical Properties

Grade	: Liquifil 259
Total Basis Weight	: 1000 g/m²
Thickness	: 2.44 mm / 0.1 ”
Air Permeability	: 5 cm³/cm²/s @ 980 Pa.
Filter Pore Size	: MAX 42 microns, MEAN 23 microns
Carbon Type	: Coal and Coconut Blend, 325 mesh
Carbon Surface Area	: 1000 – 1200 m²/g
Carbon Content	: 50%, 500 g/m²
Standard Width	: 110cm, 43” 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 baths and electroplating solutions
Removal of chlorine from potable water supplies
Removal of colour from sugar syrups
Suitable for food and non food applications

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 259 is an air laid web material consisting of powdered activated carbon and cellulose wood pulp, bound onto a cotton 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 259 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.