



## Air Sampling Products - Filter Papers

HD-2061 TYPE		LB-5211 TYPE	
MODEL	DIAMETER	MODEL	DIAMETER
0750-02	47mm	0750-35	55mm
0750-03	2 inch	0750-36	47mm
0750-09P	4 inch	0750-37	2 inch

### DESCRIPTION

- HD-2061** This filter paper combines good aerosol filtration efficiency with slightly higher porosity than HD-2024. It is suggested for use as a pre-filter of high volume filter for aerosol filtration. It is composed of micro glass borosilicate fiber resin binder.
- LB-5211** Laminated glass filter paper. These products are high efficiency multi-purpose filter materials with good heat resistance. They are particularly recommended for both gas and liquid filtration in the medical field and for air monitoring applications. The base material consists of micro glass borosilicate fibers with low amounts of acrylic resin, the composition of which corresponds to the description listed in DFR Title 21, Part 177.2260, Filter, Resin Bonded.

SPECIFICATIONS	HD-2061	LB-5211
	TYPICAL VALUES	
BASIS WEIGHT, pounds per 3000 sq. ft.	49.0	56.0
THICKNESS, inches	0.0	0.0
DOP SMOKE PENETRATION, % 32 LPM (5.3 cm/sec or 10.5 ft/min)	3.0 (5.0 max)	0.0
AIR FLOW RESISTANCE, mm of water 32 LPM (5.3 cm/sec or 10.5 ft/min)	14.5 (18 max)	38.0
TENSILE STRENGTH, pounds per inch width Machine Direction (dry)	4.5	5.5
Cross Machine Direction (dry)	3.5	3.5
DRY ELONGATION, % Machine Direction (dry)	2.0	2.0
Cross Machine Direction (dry)	3.0	2.5
COMBUSTABLE MATERIAL, %	<5	
AIR PERMEABILITY, cfm (Cubic feet per ft <sup>2</sup> per 0.5" water)	9.5	3.8
BUBBLE TEST, inches of water	22.0	35.0
RETENTION EFFICIENCY, % (For 0.3 micron particles)	95 (min)	99.99

Data are taken from production runs to show "typical" properties. This is to be used as a guide and is not a Specification sheet.

