

HD-2061 & LB-5211 Particulate Filters



DESCRIPTION

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.

HD-2061 This filter paper combines good aerosol filtration efficiency with slightly higher porosity than laminated glass filter paper.

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.

HD-2061 TYPE

Model	Diameter
0750-02	47mm
0750-03	2 inch
0750-09P	4 inch

LB-5211 TYPE

Model	Diameter
0750-35	55mm
0750-36	47mm
0750-37	2 inch
0750-49	4 inch

HD-2061 & LB-5211

SPECIFICATIONS

CHARACTERISTICS	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)	3.0 (5.0 max)
AIR FLOW RESISTANCE, mm of water		
32 LPM (5.3 cm/sec or 10.5 ft/min)	14.5 (18 max)	14.5 (18 max)
TENSILE STRENGTH, pounds per inch width		
Machine Direction (dry)	4.5	4.5
Cross Machine Direction (dry)	3.5	3.5
DRY ELONGATION, %		
Machine Direction (dry)	2.0	2.0
Cross Machine Direction (dry)	3.0	3.0
COMBUSTABLE MATERIAL, %	<5	
AIR PERMEABILITY, cfm		
(Cubic feet per ft 2 per 0.5" water)	9.5	9.5
BUBBLE TEST, inches of water	22.0	22.0
RETENTION EFFICIENCY, % (For 0.3 micron particles)	95 (min)	95 (min)

