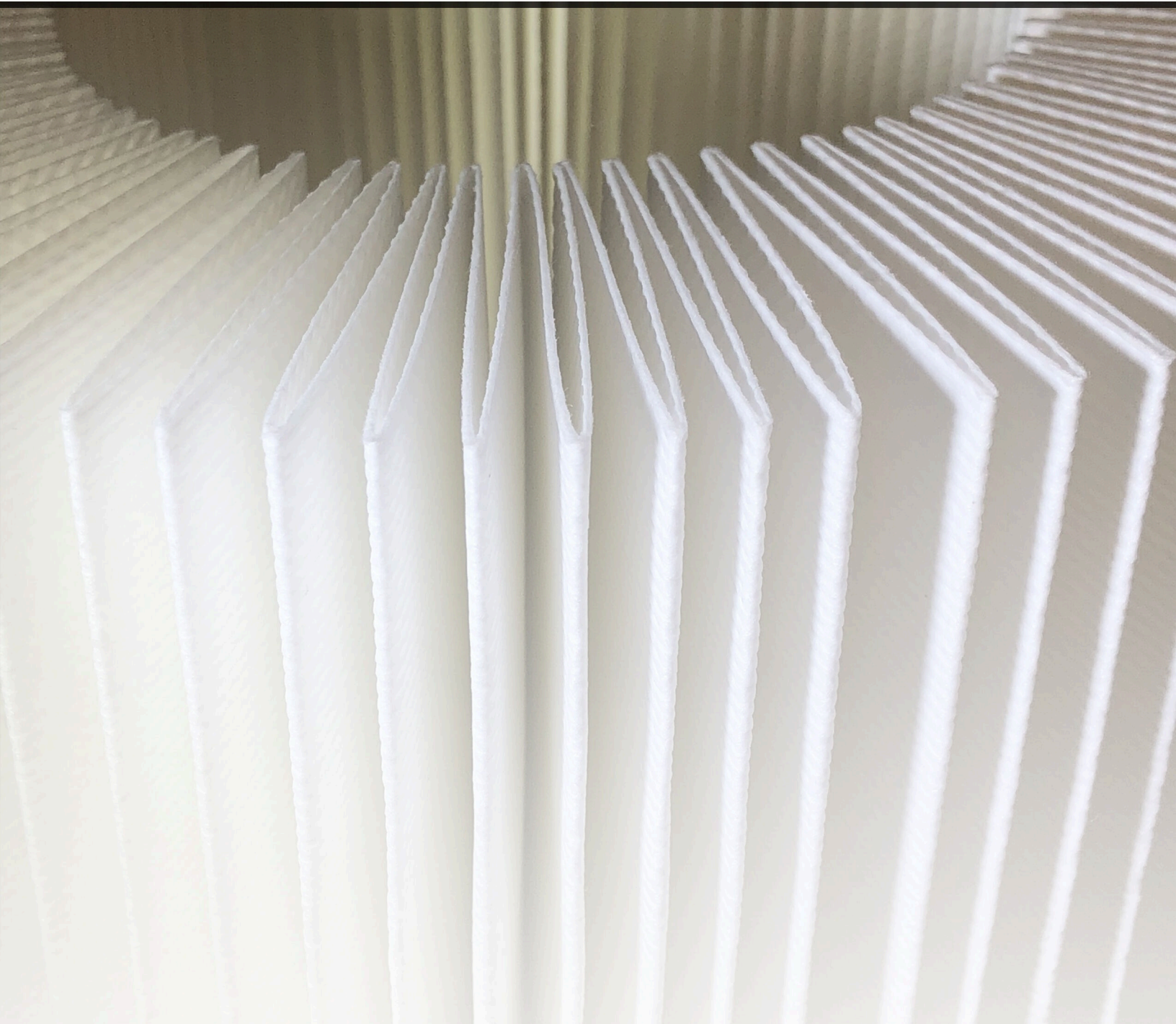




Izumi America



About us

For over 35 years, Izumi America and our parent company Izumi-Cosmo Company of Osaka, Japan has worked closely with our suppliers to become the globally recognized source for the industry-leading brand of spun-bond non-woven media for pleated filter cartridges and pleated bags used in the air pollution control and valuable product recovery Industry. Izumi group works closely with our suppliers to meet our customer's most difficult requirements. Consider izumi your source for your filter media solutions.

FILTRATION MEDIA

Izumi America offers a spunbond non-woven fabric composed of 100% polyester continuous filament that features high strength and density. Utilizing these advantages, it is the ideal material for a wide range of uses, including filter materials in industrial applications. Our filtration offers extreme dust holding capacity while allowing for a low-pressure drop, high airflow, and high burst strength. Due to its high tensile strength, stiffness, durability, and pleatability it has been the top choice for manufacturers in North America for over 30 years. Our proven history has shown that our material has low energy consumption, easily cleaned and has an extended service life.

G2260-1s			
Weight: g/m ² (oz./sq. yd.) ± 10 g (0.295 oz./sq. yd.)		260 (7.66)	Available in White or Black
Thickness: mm (in.) ± 0.03 mm (0.0012 in.)		0.61 (.024)	
Density: g/cm ³		.43	
Tensile Strength: kg. / 5 cm. (lbs./in.)	MD	91 (102)	Strip Method
	CD	57 (64)	
Tearing Strength: kg. (lbs.)	MD	10.3 (22.7)	Single Tongue Method
	CD	10.8 (23.8)	
Flex Resistance (Cycles)		50,000+	MIT Shape Method (Maximum Load: 2 kgs.)
Bursting Strength: kg. /cm. ² (lbs./sq. in.)		27.3 (388)	Mullen Method
Air Permeability: cc/cm ² /sec. @ 1/2" W.G. (CFM) ± 3.0 (6.0)		10 (20)	Frazer Method
Collection Efficiency: %	0.3 - 0.5 µm	48	Dust: Atmosphere Velocity: 3.0m/min. (9.85 ft./min.)
	0.5 - 1.0 µm	52	
	1.0 - 2.0 µm	86	
	2.0 - 5.0 µm	99	
	Over 5.0 µm	100	
Pressure Drop: mm A (in.)		5.3 (.21)	
Pore Size: µm	Minimum	23.6	Bubble Point Method
	Peak	29.6	
	Maximum	54.0	
Maximum Continuous Operating Temperature °C (°F)		120 (250)	
Maximum Short-Term Operating Temperature °C (°F)		145 (295)	Maximum time: 30 minutes
Relative Moisture Regain %		0.4	At 20° C (68° F) & 65% relative moisture
Shrinkage (Maximum %)	MD	+ 0.8	At 135° C (275° F) for 8 hours
	CD	- 0.1	