

PVC Foam Board Technical Data Sheet

GENERAL INFORMATION						
Thickness mm	Freefoam	Celuka	Co-extrusion	Density	size 1220x2440/1530x3050	Color White/Colorful
1	*			0.70-0.90	*	*
2	*			0.65-0.9	*	* / n/a
3	*			0.55-0.9	*	*
4	*		*	0.55-0.9	*	* / n/a
5	*	*	*	0.50-0.9	*	*
6		*	*	0.50-0.9	*	*
8		*	*	0.50-0.9	*	*
10		*	*	0.50-0.9	*	*
12		*	*	0.50-0.9	*	*
15		*	*	0.50-0.9	*	*
18		*	*	0.50-0.9	*	*
19		*		0.50-0.9	*	* / n/a
20		*		0.55-0.9	*	* / n/a
25		*		0.55-0.9	*	* / n/a
30		*		0.55-0.9	*	* / n/a

PROTECTIVE FILM

- PE film on one side as plus
- No branding over the film

TOLERANCE IN THICKNESS

- +/- 0.15 mm for 1–2 mm thickness
- +/- 0.20 mm for 3–8 mm thickness
- +/- 0.30 mm for 8–18 mm thickness
- +/- 0.40 mm for 18–20 mm thickness

TOLERANCE FIXED FOR EACH THICKNESS

- -0 to + 3 mm on width
- -0 to + 8 mm on length
- Rectangularity is max 2 mm per meter

- +/- 0.50 mm for 20+ mm thickness

PHYSICAL PROPERTIES OF PVC FOAM				
		A		B
1	Density/ (g/cm ³)	0.50 < ρ ≤ 0.65		ρ > 0.65
2	Shore Durometer (D)	≥55		≥60
3	Vicat Softening/°C	≥70		≥70
4	Heated Size Difference/%	±2		±2
5	Water Absorbance/%	≤2		≤1
6	Screw Holding Force/N	≥800		≥1000
7	Tensile Strength/MPa	Latitude	≥6	≥10
		Horizontal	≥5	≥6
8	Tensile Strain/%	Latitude	≥8	≥10
		Horizontal	≥6	≥8
9	Charpy Impact Strength/ (kJ/m ²)	Latitude	≥12	≥20
		Horizontal	≥9	≥16
10	Bending Strength/MPa	Latitude	≥18	≥22
		Horizontal	≥12	≥16
11	Flexural modulus of elasticity /MPa	Latitude	≥800	≥1000
		Horizontal	≥800	≥1000

Note: Shore D test is only applied for thickness >=6mm.

SHELF LIFE

PVC foam board has a shelf life of more than (10+) years from the date of manufacture without adhesive as indicated by the lot number, when stored at or below 75° F. Direct exposure to sunlight will cause irregular shrinkage of foam sheets and change of colour pigments, but no damage to the functional performance of the board.

PACKING METHOD

Way #1 :

Packed by PE Bag



Way #2

By Pallet

