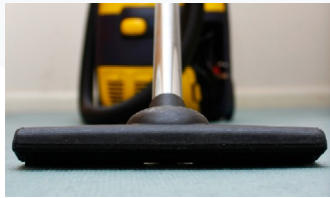




High Performance Air Filtration Composite Media
Engineered with Solupor® Membrane Technology

Functional Support Layers



Functional Support Layers

Arioso™ high performance air filtration membrane composites benefit highly from the structural integrity inherent in Solupor® membrane technology. This structure allows the selection of functional support layers based solely upon application and processing requirements.

Typical Physical Properties*

Functional Support Layer Type	FSL ID	Basis Weight		Gurley Stiffness (Machine Direction) (TAPPI T-543)	Thickness / Caliper (8 psi) (TAPPI T-411)		Air Permeability (Frazier) (TAPPI T-251)	
		g/m ²	lbs/3000 ft ²		mm	mils	cc/cm ² /s	cfm
Glass, Wet-Laid	G1	42	26	650	0.25	10	240	473
Polyester, Wet-Laid	06	83	51	800	0.50	20	325	640
Polyester, Spunbond	07	80	49	175	0.21	8.5	62	122
	08	62	38	120	0.18	7.2	71	140
Polyester, Spunbond (Pulsable)	11	200	123	2500	0.55	22	127	250

*Physical properties are for functional support layer only, and not for the final composite. Contact your Lydall sales representative for information on final composites or alternative functional support layers.

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