

PRODUCT SELECTOR

Our product recommendations for

Filtration & Separation



POLYESTER SPUNBOND	technology		bonding			surface			technical parameter			application											
	polyester spunbond	bico spunbond	thermal	mechanical	chemical	smooth	weave embossment	point embossment	area weight [g/m ²]	thickness [mm]	air permeability [l/m ² s]	automotive air intake	automotive cabin air	filter element frame	gas turbine	HVAC	industrial air	mist elimination	liquid	pool & spa	battery: gauntlets	battery: separator	
Evalith® Polyester/Bico spunbond is a manufactured nonwoven of randomly orientated polyester/bico filaments, mechanically-, thermally- or chemically-bonded, or a combination of these methods.																							
078/15	•		•				•		15	0.14	6000	•							•				
888/17		•	•			•			17	0.12	8500	•							•				
068/20	•		•					•	20	0.23	5500	•							•				
078/20	•		•				•		21	0.16	7000	•							•				
488/20	•		•			•			21	0.16	8000	•							•				
872/20		•	•				•		20	0.20	7500	•							•				
888/22		•	•			•			22	0.21	8500								•				
478/25	•		•				•		25	0.20	7000	•							•				
068/26	•		•					•	26	0.25	5300											•	
888/28		•	•			•			28	0.22	6000								•				
068/30	•		•					•	30	0.30	4200								•				
488/30	•		•			•			30	0.15	6000								•				
968/30		•	•					•	30	0.37	9500	•											
888/38		•	•			•			38	0.29	5300								•				
488/40	•					•			40	0.16	4200								•				
568/40	•		•					•	40	0.40	7500	•											
568/45	•		•					•	45	0.40	7000	•											
888/48		•				•			48	0.29	4000								•				
068/50	•		•					•	50	0.43	3600								•				
478/50	•		•				•		50	0.26	3000	•							•				
488/50	•		•			•			50	0.18	3300								•				
068/52	•		•					•	52	0.46	5500											•	
488/60	•		•			•			60	0.21	2700								•				
688/60	•		•			•			60	0.30	5000	•											
978/60		•	•				•		60	0.55	5500	•											
488/70	•		•			•			70	0.30	3400								•				
772/70 plus		•	•				•		70	0.60	2000	•											
968/70		•	•					•	70	0.58	4500	•											
978/75		•	•				•		75	0.60	4500	•											
488/80	•		•			•			80	0.26	1500								•				
688/80	•		•			•			80	0.40	5000	•											
968/80		•	•					•	80	0.57	4000	•	•										
568/90	•		•					•	90	0.60	4000	•											
868/90		•	•					•	90	0.64	2600	•											

POLYESTER SPUNBOND	technology		bonding			surface			technical parameter			application											
	polyester spunbond	bico spunbond	thermal	mechanical	chemical	smooth	weave embossment	point embossment	area weight [g/m ²]	thickness [mm]	air permeability [l/m ² s]	automotive air intake	automotive cabin air	filter element frame	gas turbine	HVAC	industrial air	mist elimination	liquid	pool & spa	battery: gauntlets	battery: separator	
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468/100	•		•					•	100	0.58	1800	•							•				
488/100	•		•			•			100	0.35	1400	•							•				
568/100	•		•					•	100	0.63	3700	•											
772/100 plus		•	•					•	100	0.60	2000	•											
978/100		•	•					•	100	0.85	4200	•											
568/120	•		•					•	120	0.67	3000	•											
768/120		•	•					•	110	0.59	1100			•									
021/135	•		•	•				•	135	0.65	1000										•		
772/135 plus		•	•					•	135	1.00	1900	•											
021/145	•		•	•				•	145	0.70	1100										•	•	
778/150		•	•					•	150	1.25	1300	•							•				
478/170	•		•					•	170	0.44	280			•		•							
478/170 AS	•		•					•	170	0.44	280			•		•							
478/170 OH	•		•					•	170	0.44	280			•		•							
778/170		•	•					•	170	0.46	310						•						
478/235	•		•					•	235	0.59	180						•						
132/250	•			•	•				250	1.13	1000			•									
778/250		•	•					•	250	0.55	150						•						
778/250 AS		•	•					•	250	0.55	150						•						
778/250 OH		•	•					•	250	0.55	150						•						
778/250 EV1		•	•					•	250	0.50	55						•						
878/250		•	•					•	250	1.25	900			•									
868/280		•	•					•	280	0.93	900			•									
158/310	•			•	•				310	2.90	950	•											

MICRO GLASS FIBER NONWOVEN				technical parameter	application											
Evalith® The voluminous, non bio persistent micro glass filter medium for pure mechanical filtration with a consistent performance and an excellent dust holding capacity. It will be produced with a polyester spunbond backing for a better stitching.	media color	initial efficiency [%]	max. pressure drop [Pa]	class referring to standard EN 779	automotive air intake	automotive cabin air	filter element frame	gas turbine	HVAC	industrial air	mist elimination	liquid	pool & spa	battery: gauntlets	battery: separator	
	GFM-40 B2	yellow	9	13	M5					●						
	XLG-65 B2	orange	18	21	M6					●						
	XLG-80 P B2	pink	47	35	F7					●						
	XLG-83 P B2	pink	56	43	F7					●						
	XLG-85 B2	pink	56	47	F7					●						
	XLG-95 B2	yellow	76	84	F8					●						
	XLG-95 PLUS B2	yellow	85	97	F9					●						

NEEDLE MAT					application											
Evalith® Glass fiber needle mats are manufactured with glass fibers and bonded by needling. Even fiber distribution is achieved by using a carder. The mats are available as roll goods or customized in the following variations: standard, thermally de-sized, single-sided or double-sided laminated with aluminum foil, as well as laminated with aluminum foil combined with glass scrim.	modification	area weight [g/sqm]	thickness [mm]		automotive air intake	automotive cabin air	filter element frame	gas turbine	HVAC	industrial air	mist elimination	liquid	pool & spa	battery: gauntlets	battery: separator	
	G 300 GL 34 tex	based on synthetic oils	300	4.5							●					
	G 3000		3000	6.5							●					

GLASS FIBER NONWOVEN					application											
Evalith® Nonwoven made of glass fibers with defined fiber diameter and fiber length. The fibers are longitudinally laid down randomly and binder bonded. The nonwoven has the distinction of dimensional stability and good wet resistance. It is suited for various application fields.	binder type	area weight [g/sqm]	loss on ignition [%]	fiber Ø [micron]	automotive air intake	automotive cabin air	filter element frame	gas turbine	HVAC	industrial air	mist elimination	liquid	pool & spa	battery: gauntlets	battery: separator	
	SAB 0,40/1	acrylic polymer dispersion	52	17	13											●
	SAB 0,45		54	21	13											●

SLIVER/ROVING/FILTRATION FIBERS			application										
Evalith® C-glass staple fiber sliver is made of individual fibers with a defined fiber diameter matching the final titer and different fiber lengths. The products provide optimized uniformity, high volume and excellent strength, which improve product properties significantly for processes like weaving, multi-axial, braiding etc.	fineness [tex]	fiber Ø [micron]	automotive air intake	automotive cabin air	filter element frame	gas turbine	HVAC	industrial air	mist elimination	liquid	pool & spa	battery: gaunlets	battery: separator
Tex 35000 CD 8	35000	8							●				
SP 19-11	-	11							●				

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