

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	string wound filter	pool & spa	battery: gaumlets	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	string wound filter	pool & spa	battery: gaumlets	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	•											
768/110		•	•				•		110	0.59	1100			•									
568/120	•		•				•		120	0.67	3000	•											
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	•						•					
978/150		•	•				•		150	1.35	3700				•								
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	class referring to standard ISO 16890	automotive air intake	automotive cabin air	filter element frame	gas turbine	HVAC	industrial air	mist elimination	liquid	string wound filter	pool & spa	battery: gauntlets	battery: separator
GFM-40 B2	yellow	9	13	M5	ISO ePM10					●							
XLG-65 B2	orange	18	21	M6	ISO ePM10					●							
XLG-80 P B2	pink	47	35	F7	ISO ePM1					●							
XLG-83 P B2	pink	56	43	F7	ISO ePM1					●							
XLG-85 B2	pink	56	47	F7	ISO ePM1					●							
XLG-95 B2	yellow	76	84	F8	ISO ePM1					●							
XLG-95 PLUS B2	yellow	85	97	F9	ISO ePM1					●							

NEEDLE MAT				application											
Evalith® Glass fiber needle mats are manufactured with glass fibers and mechanically bonded. 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 and with glass scrim reinforced.	Glass fiber preparation	area weight [g/sqm]	thickness [mm]	automotive air intake	automotive cabin air	filter element frame	gas turbine	HVAC	industrial air	mist elimination	liquid	string wound filter	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 oriented in a random pattern and bonded together with an acid resistant binder. The nonwoven has the distinction of dimensional stability and good acid resistance.	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	string wound filter	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 fibers with a defined fiber diameter and random fiber lengths. The products provide good chemical resistance characteristics.	fineness [tex]	fiber Ø [micron]	reinforced [tex]	automotive air intake	automotive cabin air	filter element frame	gas turbine	HVAC	industrial air	mist elimination	liquid	string wound filter	pool & spa	battery: gauntlets	battery: separator
SP 19-11	-	11	-							●					
tex 1430 LD CD10	1430	10	-									●			
tex 2000 LD CD10	2000	10	-									●			
tex 2000 TW	2000	10	-									●			
tex 2000 Z 60 CD 10	2050	10	-									●			
tex 35000 CD 8	35000	8	-							●					
tex 35000 CD 7,8 +1000 Z60	35000	7,8	+1000 Z60							●					

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