

FLUITEX Fabrics

Product Range and Technical Specifications

9910/060

Art.-No.	Product-Name	Material	Pressure loss at	Temperature	Thick-ness	Width max.	Weight	Tensile Strength*	
			400m ³ /h/m ²	°C	DIN 53855	**	***	warp	weft
			mmWg****		mm	mm	g/m ²	N/cm	N/cm
	Tolerance		+/-15%		+/-0,3 mm	+/-1%	+/-6%	+/-15%	+/-15%
20200002	Fluitex E 250/4	Polyester (PES)	250	-60 to 150°C short periods: 200°C	4 mm	2400	2900	4200	2500
20300003	Fluitex E 350/4		350						
20800003	Fluitex E 800/4		800						
21200003	Fluitex E 1200/4		1200						
21600003	Fluitex E 1600/4		1600						
20300004	Fluitex E 350/5	Polyester (PES)	350	-60 to 150°C short periods: 200°C	4,7 mm	2400	3700	6200	3200
20800004	Fluitex E 800/5		800						
21200004	Fluitex E 1200/5		1200						
21200004	Fluitex E 1600/5		1600						
20300005	Fluitex E 350/6	Polyester (PES)	350	-60 to 150°C short periods: 200°C	6 mm	2400	5100	7000	5000
20800005	Fluitex E 800/6		800						
21200005	Fluitex E 1200/6		1200						
21600005	Fluitex E 1600/6		1600						
20300008	Fluitex E 350/8	Polyester (PES)	350	-60 to 150°C short periods: 200°C	8 mm	2400	6500	9000	7400
20800008	Fluitex E 800/8		800						
21200008	Fluitex E 1200/8		1200						
21600008	Fluitex E 1600/8		1600						

Antistatic Fabrics: Fluitex EX

20300104	Fluitex EX 350/5	Polyester with antistatic fibres	350	-60 to 150°C short periods: 200°C	4,7 mm	2400	3900	6200	3200
20800104	Fluitex EX 800/5		800						

The resistance values of Fluitex EX antistatic fabrics are: Surface ROT for front & back side <10³ Ohm;

Passage RDT: <10³ Ohm; Linear RST (electrode distance: 30cm) longitudinal direction <10³ Ohm and cross direction: <1⁶ Ohm

Heat and acid resistant fabrics: Fluitex AD

20300303	Fluitex AD 350/4	Para-Aramid (Kevlar/Twaron)	350 +/- 20%	-60 to 250°C short p.: 350°C	4 mm	2200	2700	3800	2000
20800303	Fluitex AD 800/4		800 +/- 20%						
20300304	Fluitex AD 350/5	Para-Aramid (Kevlar/Twaron)	350 +/- 20%	-60 to 250°C short p.: 350°C	5 mm	2200	3150	3800	4000
20800304	Fluitex AD 800/5		800 +/- 20%						

Fluitex AD fabrics are especially heat and acid resistant and decomposition starts at approx. 450 °C

Heat and acid resistant fabrics: Fluitex AN

20300203	Fluitex AN 350/4	Meta-Aramid (Nomex)	350 +/- 20%	-60 to 250°C short p.: 300°C	4 mm	2200	2600	3800	2000
20800203	Fluitex AN 800/4		800 +/- 20%						
20300204	Fluitex AN 350/5	Meta-Aramid (Nomex)	350 +/- 20%	-60 to 250°C short p.: 300°C	5 mm	2200	4050	3800	4000
20800204	Fluitex AN 800/5		800 +/- 20%						

Fluitex AN fabrics are heat resistant and especially acid resistant.

* The tensile strength refers to a 1 cm wide strip as a basis for calculating the tensile strength of the yarns.

** Cut-to-Measure pieces are manufactured with a tolerance of 0,5 - 1,0 %.

*** Measured at room temperature.

**** 1 mmWg = 10 N/m² = 10 Pa

Deliverable measurements: goods in rolls and bales up to a length of 100 m and the max. width of each particular mentioned fabric with cut and sealed edges; furthermore all kinds of tailor-made pieces (e.g. cones, discs, etc.) may be ordered. We can adapt our fabrics to the special needs of the customer (= pressure loss, thickness, and other technical data)