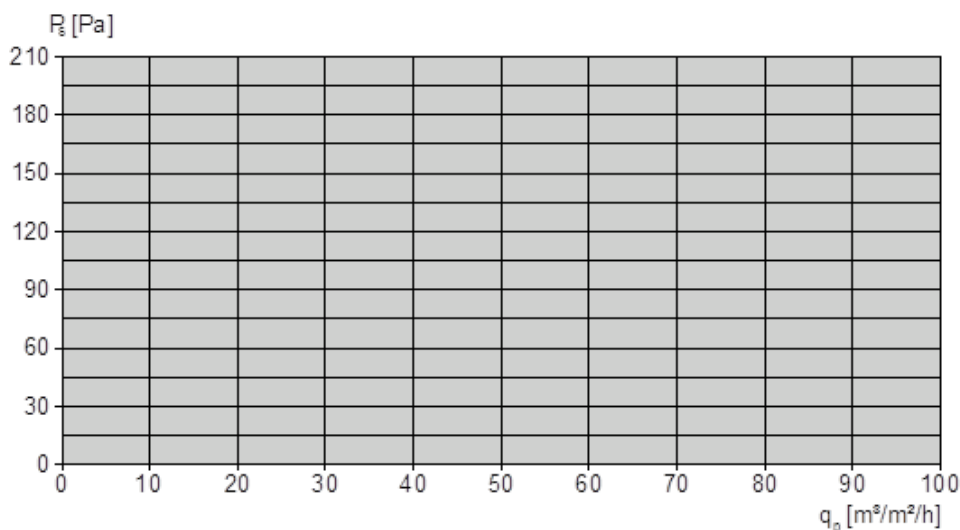




### MATERIAL DATASHEET 27

KE no.	ZW			
<b>Material</b>	<b>Flame retardant Polyester fabric with PU coating</b>			
<b>Construction</b>	<b>PU-coating</b>			
<b>Weight</b>	<b>g/m<sup>2</sup></b>	200	(%) -/+5	EN-ISO 5077
<b>Thickness</b>	<b>mm</b>	0.23	(%) -/+10	EN-ISO 12127:1997
<b>Permeability</b>	<b>m<sup>3</sup>/m<sup>2</sup>/h/120 Pa</b>	0	(%) -0/+0	EN-ISO 9237:1995
<b>Tensile strength</b>	<b>Warp/Weft N/50 mm</b>	1300/800	(%) -/+10	EN-ISO 13934-1
<b>Resistance to tearing</b>	<b>Warp/Weft N</b>	33/28	(%) -/+10	EN-ISO 13937:2
<b>Production method</b>		Laser cut		
<b>Contains silicone</b>		No		
<b>Shrinkage in wash</b>	<b>% at 40°C</b>	-		EN-ISO 5077
<b>Operating temperature max./min.</b>	<b>°C</b>	50/0		
		Max 90% RH		
<b>Water absorption</b>	<b>% at 90% RH</b>	0.4		
<b>Electrostatic resistance</b>	<b>Ohm</b>	≤1.7 x 10 <sup>11</sup>		DIN 54345-1
<b>Clean room classification</b>		N/A		ISO-14644-1
<b>Fire resistance</b>		B-S1-d0		EN-13501
		N/A		UL 723 NFPA 90 A
<b>Melting point</b>	<b>°C</b>	170		
<b>Resistance to aging</b>		Medium		
<b>Resistance to vibrations, motion</b>		Good		
<b>Resistance to solvents</b>		Not recommended		
<b>Resistance to acids</b>		Medium		
<b>Resistance to bases</b>		Medium		
<b>Resistance to oxidants, light, etc.</b>		Medium		



\*KE measurement \*\*Washed and dried according to KE Fibertec instructions

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08/2021

