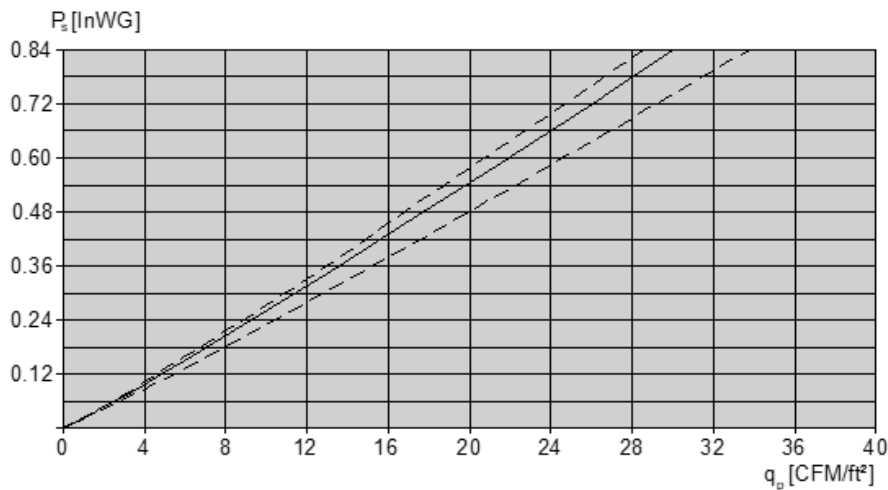




Material Datasheet 4

KE no.	GW18		
Material	High Dust Capacity Polyester fabric		
Construction	Heat-set, shrinkage- and porosity-stabilized		
Weight	oz/yd²	8.8	(%) -/+5
Thickness	mil	24	(%) -/+10
Tensile strength warp/weft	lb_f	320 / 126	(%) -/+10
Resistance to tearing	lb_f	38 / 20	(%) -/+10
Porosity	CFM/ft²	18 at 0.5 inWG	(%) -6/+15
Filter class		M6 (*)	
Shrinkage in wash	%	<0.5 (**)	
Fire resistance		Flame retardent	
Melting point	°F	489	
Spontaneous ignition temperature	°F	946	
Water absorption (in standard climate)	%	0.4	
Electrostatic resistance	Ohm	≤2 x 10 ¹⁰	
Operating temperature max./min. (peak)	°F	+140/-49 (peak: 176)	
Resistance to aging		Excellent	
Resistance to vibrations, motion		Excellent	
Resistance to solvents		Excellent	
Resistance to acids		Good	
Resistance to bases		Medium	
Resistance to oxidants, light, etc.		Excellent	



Quality grades: Excellent - Good - Medium - Less good - Not recommended

*Recomm. KE measurement **Washed and dried according to KE Fibertec instructions

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04/2024

