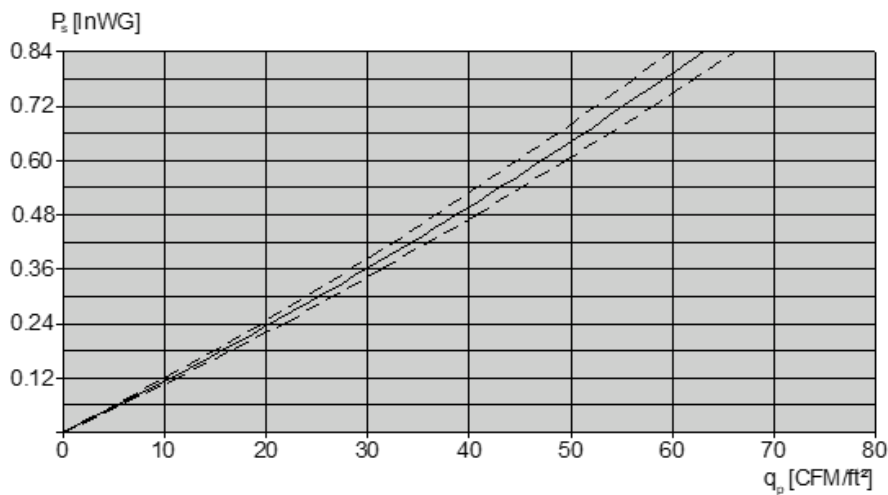




Material Datasheet 19

KE no.	NO38			
Material	Nomex fabric			
Construction	Heat-set			
Weight	oz/yd²	6.2	(%) -/+10	EN-ISO 5077
Thickness	mil.	20	(%) -/+10	EN-ISO 12127:1997
Tensile strength warp/weft	lb_f	360 / 180	(%) -/+10	
Resistance to tearing	lb_f	34 / 31	(%) -/+10	
Porosity	CFM/ft²	38 at 0.5 inWG	(%) -/+5	EN-ISO 9237:1995
Filter class*		N/A		EN 779:2012
Shrinkage in wash**	%	-		EN-ISO 5077
Fire resistance		B-S1-d0 N/A		EN-13501 UL 723 NFPA 90 A
Melting point	°F	700		
Spontaneous ignition temperature	°F	-		
Water absorption (in standard climate)	%	5		
Electrostatic resistance	Ohm	≤3 x 10 ⁸		DIN 54345-1
Operating temperature max./min. (peak)	°F	+176/-40 (peak: 212)		
Resistance to aging		Excellent		
Resistance to vibrations, motion		Excellent		
Resistance to solvents		Excellent		
Resistance to acids		Not recommended		
Resistance to bases		Good		
Resistance to oxidants, light, etc.		Good		
Oeko-Tex®		Approved		Standard 100
Cradle to Cradle®		N/A		



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

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

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12/2024

