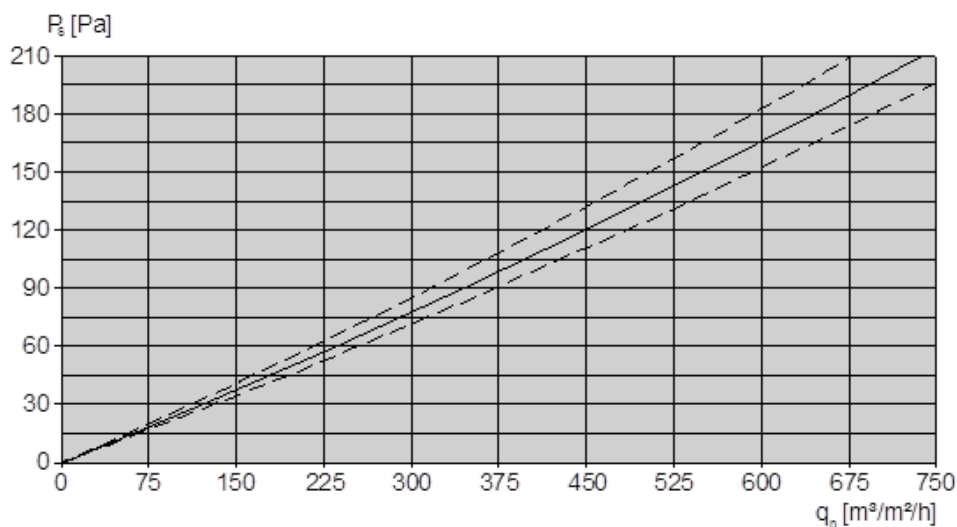




MATERIAL DATASHEET 18

KE no.	NO460			
Material	Nomex fabric			
Construction	Heat-set, shrinkage- and permeability-stabilized			
Weight	g/m²	220	(%) -/+5	EN-ISO 5077
Thickness	mm	0.55	(%) -/+10	EN-ISO 12127:1997
Permeability	m³/m²/h/120 Pa	460	(%) -8/+8	EN-ISO 9237:1995
Tensile strength	Warp/Weft N/50 mm	1600/1100	(%) -/+10	EN-ISO 13934-1
Resistance to tearing	Warp/Weft N	140/100	(%) -/+10	EN-ISO 13937:2
*Filter class		N/A		EN 779:2012
**Shrinkage in wash	% at 40°C	-		EN-ISO 5077
Melting point	°C	371		
Operating temperature max./min.	°C	100/-45		
Water absorption	% at 90% RH	5		
Electrostatic resistance	Ohm/cm	3 x 10 ⁸		DIN 54345-1
Clean room classification		N/A		ISO-14644-1
Fire resistance		B-S1-d0 N/A		EN-13501 UL 723 NFPA 90 A
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		



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

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01/2020

