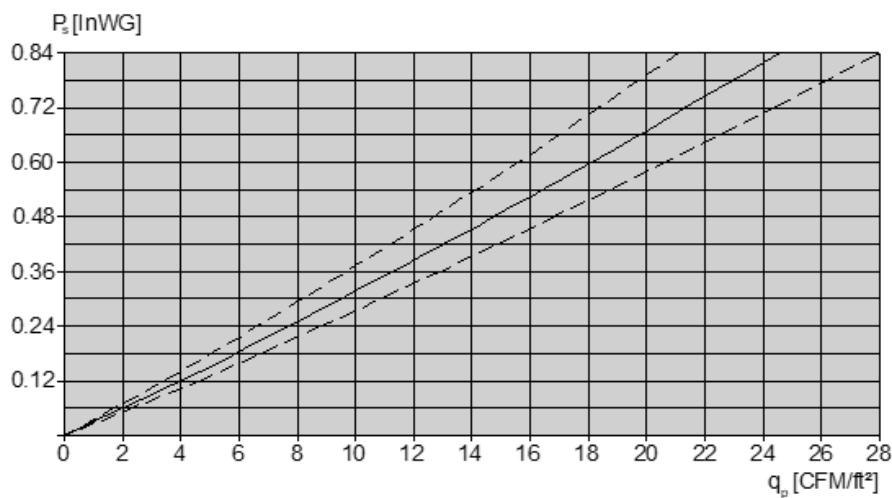




### Material Datasheet 16

<b>KE no.</b>	<b>NO16</b>			
<b>Material</b>	<b>Nomex fabric</b>			
<b>Construction</b>	<b>Heat-set</b>			
<b>Weight</b>	<b>oz/yd<sup>2</sup></b>	7.4	<b>(%) -/+10</b>	EN-ISO 5077
<b>Thickness</b>	<b>mil.</b>	22	<b>(%) -/+10</b>	EN-ISO 12127:1997
<b>Tensile strength warp/weft</b>	<b>lb<sub>f</sub></b>	348 / 247	<b>(%) -/+10</b>	
<b>Resistance to tearing</b>	<b>lb<sub>f</sub></b>	27 / 25	<b>(%) -/+10</b>	
<b>Porosity</b>	<b>CFM/ft<sup>2</sup></b>	16 at 0.5 inWG	<b>(%) -/+14</b>	EN-ISO 9237:1995
<b>Filter class*</b>		N/A		EN 779:2012
<b>Shrinkage in wash**</b>	<b>%</b>	-		EN-ISO 5077
<b>Fire resistance</b>		B-S1-d0 N/A		EN-13501 UL 723 NFPA 90 A
<b>Melting point</b>	<b>°F</b>	700		
<b>Spontaneous ignition temperature</b>	<b>°F</b>	-		
<b>Water absorption (in standard climate)</b>	<b>%</b>	5		
<b>Electrostatic resistance</b>	<b>Ohm</b>	≤3 x 10 <sup>8</sup>		DIN 54345-1
<b>Operating temperature max./min. (peak)</b>	<b>°F</b>	+176/-40 (peak: 212)		
<b>Resistance to aging</b>		Excellent		
<b>Resistance to vibrations, motion</b>		Excellent		
<b>Resistance to solvents</b>		Excellent		
<b>Resistance to acids</b>		Not recommended		
<b>Resistance to bases</b>		Good		
<b>Resistance to oxidants, light, etc.</b>		Good		
<b>Oeko-Tex®</b>		Approved		Standard 100
<b>Cradle to Cradle®</b>		N/A		



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

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

This document and all information thereon is the property of KE Fibertec AS. It must not be copied, imparted to a third party or used for any other purpose without the written consent of KE Fibertec AS.

