
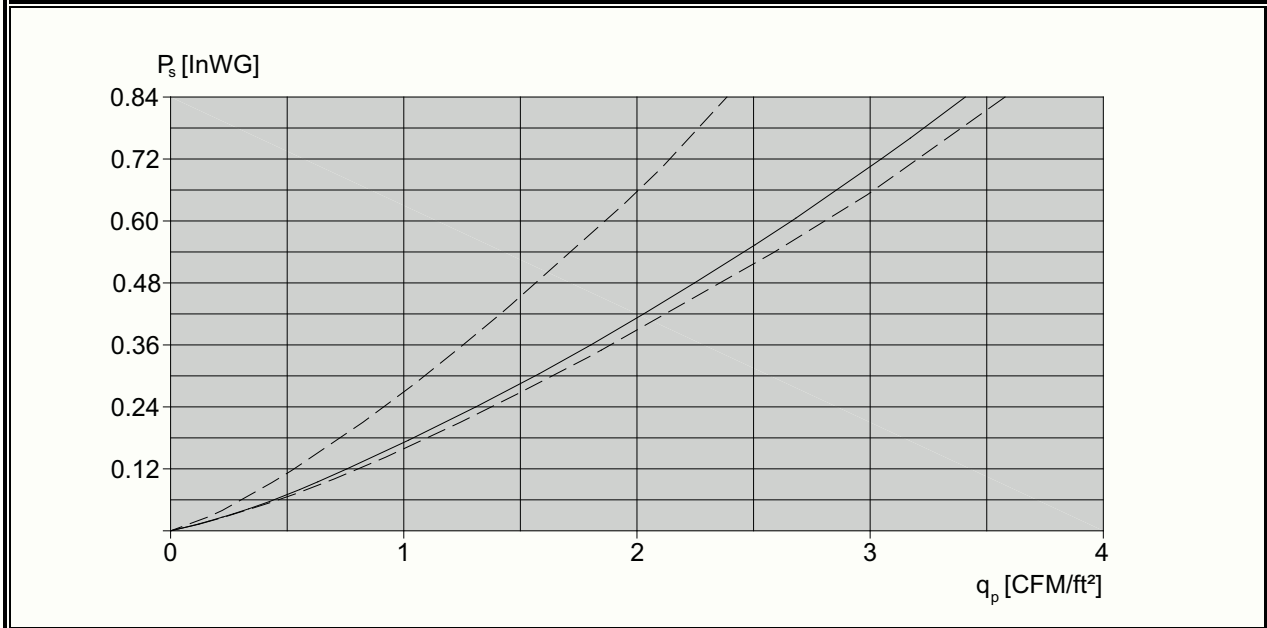


**MATERIAL DATASHEET 28**

KE-no.:	025430		
Construction:	Flame retardant polyester fabric (LDC FR)		
Final treatment:	Heat-set, shrinkage- and permeability-stabilized		
Weight	oz/yd <sup>2</sup> :	7.7	(%) - 5/+ 5
Thickness	mil:	18	(%) -10/+10
Tensile strenght warp/weft	lb <sub>f</sub> /in:	114 / 102	(%) -10/+10
Elongation (at first break)	%:	60 / 30	
Resistance to tearing warp/weft	lb <sub>f</sub> :	36 / 22	(%) -10/+10
Permeability	CFM/ft <sup>2</sup> :	2 at 0.5 inWG	(%) -25/+10
Retention grade	:	F7 (*)	
Shrinkage in wash	%:	< 0.5 (**)	
Fire resistance	:	Flame retardant	 <p>CLASSIFIED  <small>UNDERWRITERS LABORATORIES INC.</small>  <small>CLASSIFIED</small>  <small>AIR DISTRIBUTION DEVICE</small>  <small>IN ACCORDANCE WITH</small>  <small>FLAMMABILITY REQUIREMENTS</small>  <small>OF NFPA 90A - 1993</small>  <small>&lt;29WM&gt;</small>  <small>FILE NO.: R16932</small></p>
Melting point	°F:	490	
Spontaneous ignition temperature	°F:	946	
Water absorption (in standard climate)	%:	0.40	
Electrostatic resistance	Ohm/cm:	2 x 10 <sup>10</sup>	
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

Comments: (\*) Recomm. KE-measurement • (\*\*) Washed and dried acc. to KE Fibertec instruction

*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. Data are subject to alterations.*