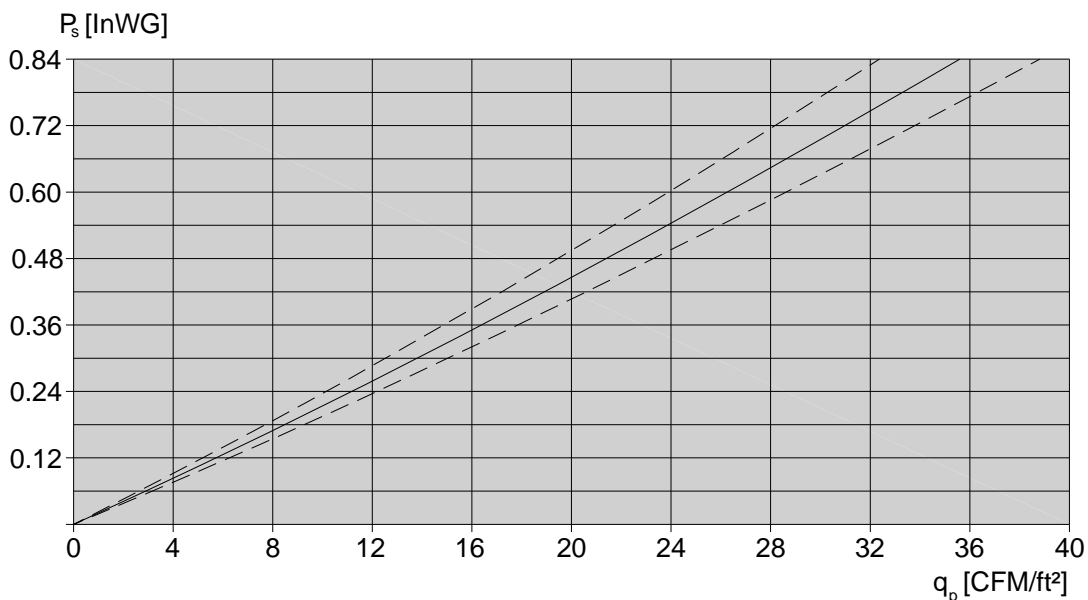


# NOMEX

## MATERIAL DATASHEET 17

KE-no.:	NO20		
Construction:	Nomex fabric		
Final treatment:	Heat-set		
Weight	oz/yd <sup>2</sup> :	6.8	(%) -10/+10
Thickness	mil:	22	(%) -10/+10
Tensile strength warp/weft	lb <sub>f</sub> /in:	183 / 126	(%) -10/+10
Resistance to tearing warp/weft	lb <sub>f</sub> :	27 / 27	(%) -10/+10
Permeability	CFM/ft <sup>2</sup> :	20 at 0.5 inWG	(%) -9 / +9
Retention grade	:	F6 (*)	
Shrinkage in wash	%:	-	
Fire resistance	:	Flame retardant	
Melting point	°F:	700	
Spontaneous ignition temperature	°F:	-	
Water absorption (in standard climate)	%:	5.00	
Electrostatic resistance	Ohm/cm:	3 x 10 <sup>8</sup>	
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	



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

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

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Data are subject to alterations.