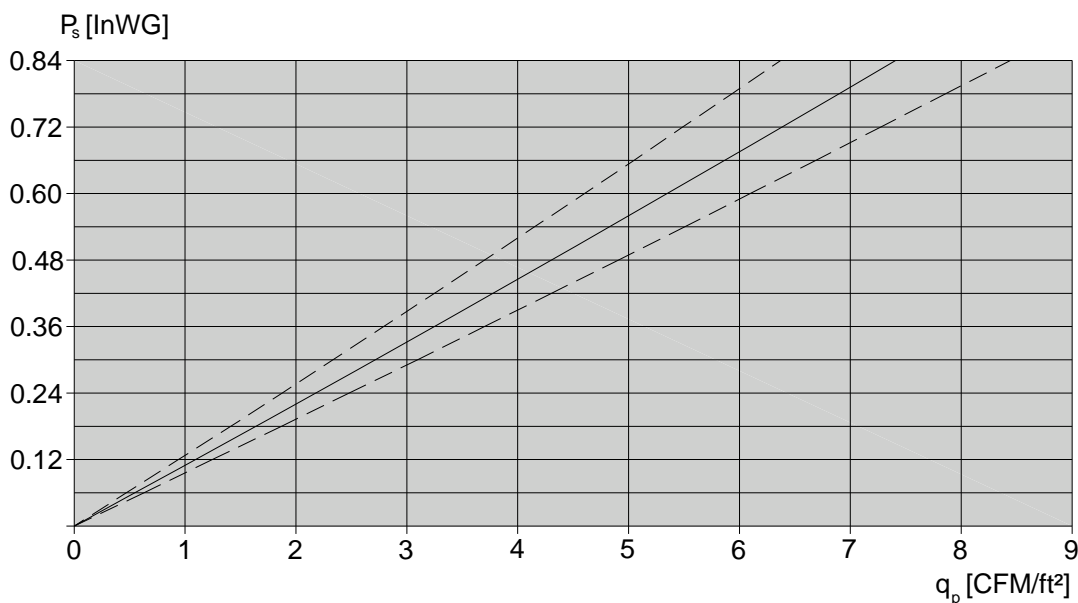


MULTIWEAVE®

MATERIAL DATASHEET 43

KE-no.:	MWA4		
Construction:	High Tenacity Polyester fabric		
Final treatment:	Heat-set, shrinkage- and permeability-stabilized		
Weight	oz/yd ² :	8.0	(%) - 5/+ 5
Thickness	mil:	16	(%) -10/+10
Tensile strength warp/weft	lb _f /in:	194 / 320	(%) -10/+10
Resistance to tearing warp/weft	lb _f :	25 / 34	(%) -10/+10
Permeability	CFM/ft ² :	4 at 0.5 inWG	(%) -20/+25
Retention grade	:	F7 (*)	
Shrinkage in wash	%:	< 0.5 (**)	
Fire resistance	:	Flame retardant	
Melting point	°F:	489	
Spontaneous ignition temperature	°F:	946	
Water absorption (in standard climate)	%:	0.40	
Electrostatic resistance	Ohm/cm:	2 x 10 ¹⁰	
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

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Data are subject to alterations.