



STYLE

TW 400 SA

ANTISTATIC POLYESTER NEEDLEFELT

AREA WEIGHT *EN 12127* 400 g/m² 11,9 oz/yd² DENSITY 0,32 g/cm³

THICKNESS *EN ISO 9073/2* 1,3 mm 0,049 in PORE VOLUME 77 %

FIBER **POLYESTER**

COMPOSITION

SCRIM **POLYESTER/INOX**

FINISH **HEAT SET - SURFACE GLAZING**

LONGITUDINAL**CROSS**

TENSILE STRENGTH (5 cm) *EN 29073-3* $\geq$ 800 N 176 lbs/2" $\geq$ 900 N 198 lbs/2"

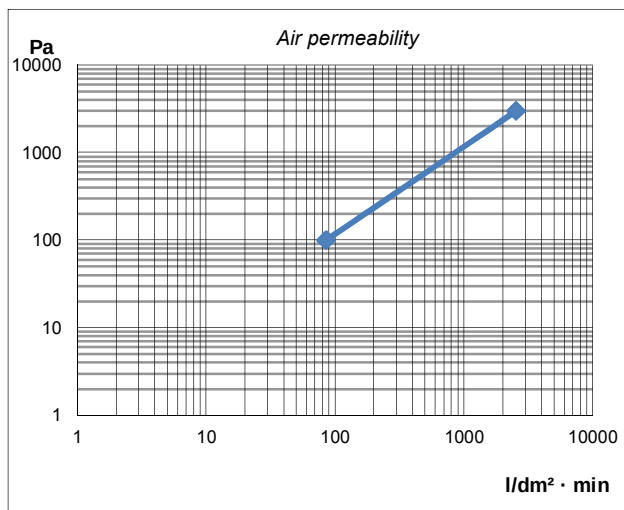
ELONGATION *EN 29073-3* $\leq$ 25 % $\leq$ 49 %

ELONGATION at 50 N *EN 29073-3* $\leq$ N.A. % $\leq$ N.A. %

THERMAL STABILITY (SHRINKAGE) *UNI8279/12* $\leq$ 2 % $\leq$ 1 %
air at 150°C - 2 h

BURST STRENGTH *DIN 53861* $\geq$ N.A. kPa $\geq$ N.A. psi

AIR PERMEABILITY *EN ISO 9237*
at 200 Pa 170 l/dm² • min
34,85 cfm @ 1/2" H₂O



SURFACE RESISTIVITY $\leq 10^4$ ohm (DIN 54345/1-5)

FIBER PROPERTIES: ANTISTATIC POLYESTER

OPERATING TEMPERATURE (Dry) CONTINUOUS PEAKS
150°C Max 302 °F Max
160°C Max 320 °F Max

CHEMICAL RESISTANCE

STRONG ACIDS	○○○	STRONG ALKALIS	○	SOLVENTS	○○○
WEAK ACIDS	○○○○	WEAK ALKALIS	○○	OXIDIZING	○○○○
				HYDROLYSIS	○

LEGEND: ○○○○ Excellent ○○○ Good ○○ Fair ○ Poor

All data and characteristics are not binding and may vary depending on the constant improvements that Testori Spa reserves itself to introduce.
Please contact Testori Spa before using these data for technical specification definition.