

# TECHNICAL FILTERS INC.

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## DATA SHEET

STYLE	AR500S
CONSTRUCTION	ARAMID WITH SCRIM
FIBER, denier	2.0
SCRIM	HIGH TENACITY SPUN SCRIM
FINISH	HEAT SET, CALENDERED, SINGED ONE SIDE
WEIGHT, g/m <sup>2</sup>	500 ± 5%
THICKNESS, mm	1.8 – 2.0
PERMEABILITY, L/dm <sup>2</sup> .min @ 200 Pa	120 - 150
WARP TENSILE STRENGTH, N (5*20 cm)	> 900
WEFT TENSILE STRENGTH, N (5*20 cm)	> 1000
WARP ELONGATION AT BREAK, %	< 25
WEFT ELONGATION AT BREAK, %	< 45
CONTINUOUS OPERATING TEMPERATURE, °C	200
SURGE TEMPERATURE, °C	220
SHRINKAGE AT 200°C FOR 120 MINS, %	< 2.0