



**Southeastern
Felt & Supply Corp.**

SYNTHETIC FIBER FELTS – ROLL

POLYESTER

General Properties

Available Fiber Deniers, per filament	2 1/4 - 25
Available Densities	
1" Nominal Thickness, lbs/sq yd	4 - 18
Available Thickness Range, in.	1/16 – 1 1/2
Available Widths, in	up to 144

Chemical & Environmental Properties

Temperature, degrees F, Max Service Condition under constant exposure	300
Effects of Acids & Alkalis	Good resistance to most mineral and organic acids at room temperature. Dissolves and partially decomposes in concentrated sulfuric acid. Resistance to weak alkalis at room temperature is good; to strong alkalis, moderate. Disintegrates in strong alkalis at boil.
Effects of Bleaches & Solvents	Excellent resistance to bleaches and other oxidizing agents. Generally insoluble except in some phenolic compounds.
Resistance to Mildew, Aging, Sunlight and Abrasion	Excellent resistance to mildew and aging. Good resistance to abrasion. Prolonged exposure to sunlight causes some fiber strength loss.

Typical Uses

Air filters, transmission filters, impregnated substrates, coated fabric substrates, seals, wicks, moisture pads, metal wiping, acid-resistant pads, and liquid filtration.

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