

ALBAX

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**CLOTH
SELECTION
GUIDE**

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POLYPROPYLENE FABRICS

DESCRIPTION & GENERAL PROPERTIES

Polypropylene is a petroleum industry by-product which has excellent strength and is very resistant to abrasion. It is lightweight with a specific gravity of 0.90 and, therefore, will float on water. Polypropylene monofilaments are currently being used for rope, cordage, webbing, auto seat covers and filtration fabrics.

Below is a chart listing some of the major properties of polypropylene:

MELTING POINT:

- 325° TO 350° F

OPERATING TEMPERATURE:

- Max. 180° F

EFFECTS OF ACIDS & ALKALIS:

- Excellent resistance to most acids and alkalis with the exception of chlorosulfonic acid and oxidizing agents.

EFFECT OF BLEACHES & SOLVENTS:

- Generally good resistance to bleaches & solvents

RESISTANCE TO MILDEW, AGING, & ABRASION:

- Not attacked by mildew. Good SUNLIGHT, resistance to aging, indirect sunlight, & abrasion

BURNING CHARACTERISTICS:

- Melts: Burns slowly; curls & melts; shrinks rapidly from flame. Smells: Faintly; burning asphalt. After Burn: Hard, round, light tan.

ALBAX CLOTH SPECIFICATIONS

ALBAX CLOTH: 457
FIBER: Polypropylene
YARN: Multifilament
WEAVE: Oxford
COUNT: 78 X 19
WT (oz/sq yd): 13.9
CFM: 2-4
FINISH: Calendered, Heat Set

ALBAX CLOTH: 123
FIBER: Polypropylene
YARN: Monofilament
WEAVE: Twill
COUNT: 70 X 28
WT (oz/sq yd): 9
CFM: 35-70
FINISH: Calendered, Heat Set

ALBAX CLOTH: Type V
FIBER: Polypropylene
YARN: Mono/Multi
WEAVE: Satin
COUNT: 135 X 42
WT (oz/sq yd): 8.7
CFM: 3-5
FINISH: Calendered, Heat Set

ALBAX CLOTH: 686
FIBER: Polypropylene (Black)
YARN: Mono/Multi
WEAVE: Satin
COUNT: 104 X 43
WT (oz/sq yd): 8.3
CFM: 5
FINISH: Calendered, Heat Set

ALBAX CLOTH: 352
FIBER: Polypropylene
YARN: Spun
WEAVE: Plain
COUNT: 46 X 22
WT (oz/sq yd): 13.5
CFM: 2
FINISH: Heat Set