

# 17PT31- -AL

**NOR\*FAB SERIES 400  
ALUMINIZED 17 oz. CLOTH**

## style 17PT31- -AL

A NORFAB woven fabric of an Aramid fiber blend over a fiberglass core yarn, aluminum laminate 1 side. Applications include safety clothing, curtains, heat shields, filtration cloth, and rubberized hose. Resistant to reflective heat sources, offers good thermal protection for safety garments.

### SPECIFICATIONS

BASE FABRIC	Aramid/Fiberglass	
COLOR / APPEARANCE	Aluminum laminate 1 side, yellow reverse	
AVAILABLE WIDTHS, standard	40", 50"	(1.0m thru 1.27m)
ROLL LENGTH, yards	50	(45.7m)
WEAVE STYLE	Plain	
CONSTRUCTION, ends x picks/sq.in	20 X 10.5	(7.9 x 4.13cm)
FABRIC WEIGHT, oz./sq yd, average	19	(645 gm/sq.m)
FABRIC THICKNESS, inches	0.052	(1.32mm)
WARP STRENGTH, lbs/in.	282.0	(128 Kg/2.54 cm)
FILL STRENGTH, lbs/in.	130.0	(59 Kg/2.54 cm)
ABRASION RESISTANCE	Excellent	
THERMAL CONDUCTIVITY, "K" factor, base fabric (Btu x in/hr x sqft x deg. F)	0.441	(ASTM C-177)
TOTAL CONDUCTANCE, "C" factor, base fabric (Btu/hr x sqft x deg. F)	8.700	(ASTM C-177)
TOTAL RESISTANCE, "R" factor, base fabric (Hr x sqft x deg. F/Btu)	0.115	(ASTM C-177)
COATING / LAMINATION	Mylar film aluminum laminate	
SOLVENT & CHEMICAL RESISTANCE	Good	
SUNLIGHT & AGE RESISTANCE	Base fabric is UV sensitive	
ELECTRICAL PROPERTIES	n/a	

### AVAILABLE FINISHES

FINISH NUMBER	AL, Aluminum laminate See FABRIC FINISH OPTIONS data sheet.
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All Data ±10%

AMATEX Corporation is the exclusive sales agent for

**NOR\*FAB Corporation** "HEAT RESISTANT TEXTILES"

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