

55% Modacrylic
45% Cotton



PROARC™ 950

ProArc combines the comfort of natural cotton with the protection of inherently flame resistant modacrylic fibers and can be dyed in very bright colors.

- Best quality blend of FR Modacrylic and Combed Cotton
- Inherently flame resistant, will not deteriorate over time
- Has no-melt or drip characteristics
- FR Modacrylic is a performance fiber that has the characteristics of high flame retardancy by forming a char barrier to prevent the flame spread and stop the burn when the flame source is removed
- Comfortable & supple

Place swatch here
4.5" x 6"

Place swatch here
4.5" x 5"

Place swatch here
4.5" x 4"

Place swatch here
4.5" x 3"

Place swatch here
4.5" x 2"



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TECHNICAL SPECIFICATIONS

ProArc™ is a registered trademark of TenCate Performance Fabrics.

TenCate Performance Fabrics cannot guarantee the suitability of its products for any particular purpose. Test results in respect of any particular item of product may vary. It's the sole responsibility of the user to perform all testing necessary to determine suitability of the product for user's applications.

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Rev:25012011

STYLE:		ProArc 950		
Weight		9.3 oz/yd² 314 g/m²		
Fibre Content		55% Modacrylic / 45% Cotton		
Weave		Twill		
Width		59" (150 cm)		
End Use		Trims, Station wear		
Color				
Test	Method & Specification		Performance	
Flame resistance - initial & after 25 wash cycles			Warp	
Afterflame (sec)	ASTM D 6413	max. 2 sec	0	
Char length (mm)		max. 150 mm 6.0"	< 120 mm < 4.7"	
Melt / Drip		no melt, no drip	< 135 mm < 5.3"	
Thermal shrinkage (%)	500°F/5 min.	max. 10%	complies	
Heat resistance		no melt, separation, dripping or ignition	< 3	< 3
Electric Arc Resistance	ASTM F1959 ATPV cal/cm²	no minimum	complies	
TPP with spacer	NFPA 2112	min. 6 cal/cm ²	11.8 (Level 2) HAF 80%	
Cleaning shrinkage (%) after 5 cycles	AATCC 135 1 - IV - Ai	max. 5%	11.5	
Tensile Strength Grab (N)	Can/CGSB 4.2 No. 9.2 (ASTM D5034)		< 5	< 3
Tear resistance Trap (N)	Can/CGSB 4.2 No. 12.2		550 N 124 lbf	450 N 101 lbf
Tear resistance Elmendorf(N)	ASTM D1424		50 N 11 lbf	35 N 8 lbf
UL Recognized Component to:	NFPA 2112 ed. 2007		No	
	CAN/CGSB 155.20 ed. 2000		No	
	NFPA 1977 ed. 2005		No	
	CAN/CGSB 155.22 ed. 1997		No	
	NFPA 1975 ed. 2009		N/D	
Other:	ASTM F1506 (NFPA 70E / CSA Z462)		No	
	CSA Z96-2009		N/D	

