



Technical Data Sheet



Product		Safeweld™ 950	
Weight oz / yd ²		9.0 (308 g/m ²)	
Fibre Content		60% Lenzing FR® / 40% Kevlar®	
Weave Type		Twill	
Width		63" (160cm)	
End Use		Welding Aprons, Coveralls, Trousers, Jackets	
Tests	Method & Specifications	Performance	
Flame resistance - as is	ASTM D 6413	Warp	Fill
After flame (sec)	max. 2 sec	0	0
Char length (mm)	max. 100 mm or 4"	19 (0.7")	17 (0.7")
Melt / Drip	no melt, no drip	complies	
Electric Arc Resistance	ASTM F1959 (ATPV)	8.1 (Level 2) HAF 75%	
Tensile Strength-Grab(N) - as is	Can/CGSB 4.2 No. 9.2 (ASTM D5034)	1383 (311 lbf)	1067 (240 lbf)
<i>after 10 washes</i>		1334 (300 lbf)	925 (208 lbf)
Tear resistance-Trap(N) - as is	Can/CGSB 4.2 No. 12.2	100 (22 lbf)	62 (14 lbf)
<i>after 10 washes</i>		91 (20 lbf)	58 (13 lbf)
Cleaning shrinkage (%) 5 cycles	AATCC 135 1 - IV - Ai	max. 5%	<5
Crocking	AATCC 8		Dry: 5.0 Wet: 4.5
Shade Change	AATCC 61(2A)		5.0 - no or light change
Water absorption (10 washes)			less than 10%
Taber Abrasion	(H-38, 500 g)		TBA
Pilling Resistance	ASTM 3512		Rating from 5-Best to 1-Poor
	30 minutes		TBA
	120 minutes		TBA

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