

Warp and Weft Calculations

Warp Length			
	Finished length in inches		inches
	Fringe/hems	+	inches
	Shrinkage	+	inches
	Take-up (10% for balanced weave)	+	inches
	Extra length for sampling	+	inches
	Loom waste (18" - 36")	+	inches
	Length of warp in inches	=	inches
	Length of warp in yards	/36	yards
Warp Width			
	Finished Width		inches
	Draw-in (5-10%)	+	inches
	Shrinkage (5-10%)	+	inches
	Total width of warp	=	inches
	Ends per inch	X	epi
	TOTAL # of ENDS	=	ends
Materials for Warp			
	Total # of Ends		ends
	Total Length of Warp (Yards)	X	yards
	Total Yards of Warp Needed	=	yards
Materials Required for Weft			
	Total width of warp (see above)		inches
	Take-up (5-10%)	+	inches
	Length of one pick	=	inches
	Picks per inch (same as EPI if balanced)	X	ppi
	Inches of weft for 1" woven	=	inches
	Total length of warp in inches	X	inches
	Total weft in inches	=	inches
	TOTAL WEFT in yards	/36	yards