

WARP AND WEFT CALCULATIONS

<p>Warp Length</p> <p>Finished length of total piece _____</p> <p>Fringe/Hems _____</p> <p>Shrinkage (depends on yarn & finishing) _____</p> <p>Take-up (10% for balanced weave) _____</p> <p>Extra length for samples _____</p> <p>Loom waste of 18" to 36" _____</p> <p>TOTAL LENGTH OF WARP</p> <p>divided by 36 to change to yards</p>	<p>_____ inches</p> <p>+ _____ inches</p> <p>+ _____ inches</p> <p>+ _____ inches</p> <p>+ _____ inches</p> <p>+ _____ inches</p> <p>(Add All Lines) = _____ inches</p> <p style="text-align: right;">= _____ yards*</p>
<p>Warp Width</p> <p>Finished Width..... _____</p> <p>Draw-in (10% - 15%)..... _____</p> <p>Shrinkage (of weft yarn - 10% - 15%)..... _____</p> <p>TOTAL WIDTH..... _____</p> <p>Multiply WIDTH x Ends per Inch (EPI)..... _____</p> <p>TOTAL WIDTH X EPI = TOTAL # OF ENDS</p>	<p>_____ inches</p> <p>+ _____ inches</p> <p>+ _____ inches</p> <p>+ _____ inches</p> <p>Add All Lines = _____ inches</p> <p style="text-align: right;">X _____ EPI</p> <p style="text-align: right;">= _____ ENDS</p>
<p>Materials Required for Warp</p> <p>TOTAL # of ENDS..... _____</p> <p>times TOTAL LENGTH of warp (see * above)</p> <p>= YARDS OF WARP NEEDED..... _____</p>	<p>_____</p> <p style="text-align: right;">X _____</p> <p style="text-align: right;">= _____ YDS</p>
<p style="text-align: center;">Calculate Weft Yarn</p> <p>Width in reed + Take up..... _____</p> <p>= Length of one weft shot (pick)..... _____</p> <p>x Picks per Inch (PPI)..... _____</p> <p>x Weaving Length (in yards, see *above).... _____</p> <p>= TOTAL YARDS needed for weft..... _____</p>	<p>_____ inches</p> <p>+ _____ inches</p> <p>= _____ inches</p> <p>x _____ inches</p> <p>= _____ YARDS</p>

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