

Warp & Weft Calculations A-Z+

Project Name:

DIRECTIONS: Starting with A, use your tab to get to the next field. IF YOU CHANGE A FIELD: HIT THE RED RECALCULATE BELOW.

WARP USE:

- A** number of items being woven
- B** finished length in inches
- C** finished width in inches
- D** WIDTH takeup/shrinkage % ENTER AS **•XX**
- E** shrinkage plus takeup amount
to get right width & # of warp ends **(D x C)**
- F** ends per inch (EPI)
- G** width of warp on the loom and reed **(E+C)**
- H** fringe - how long in inches?
- I** total fringe **(A x H x 2)**
- J** total inches woven **(B x A)**
- K** **total number of ends (epi) (F x G)**
- L** finished length + fringe **(J+I)**
- M** LENGTH takeup/shrinkage % ENTER AS **•XX**
- N** takeup in inches of woven **(J x M)**
- O** **weave one item this long (B x M) + B**
- P** loom waste in inches
(add extra inches for samples here)
- Q** inches woven, takeup & loom waste
(O x A) + N + P
- R** **each end in yard length (Q / 36)**
- S** total yards of warp **(R x K)**

COST: \$per pound

GG WARP. Warp Total **(GG X EE)** **HH WEFT \$ PER LB.** Weft Total **(HH X FF)** **TOTAL:** **PER**

SECTIONAL WARP INFO: Section size 1 or 2 inch:

Number of Sections Number of Spools: Yards on Spool: Yards in section:

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WEFT USE:

- T** pics per inch
- U** inches wide **(G)**
- V** weft inches for 1 inch of weaving **(G x T)**
- W** weft for total inches woven **(J x V)**
- X** weaver's angle ENTER AS **•XX** (if greater than normal)
- Y** takeup in inches **(W x X)**
- Z** inches woven and takeup in inches **(W + Y)**
- ZZ** Divide by 36 to get yards of weft **(Z / 36)**

YARN WEIGHT:

- AA** yards per pound
- BB** ounces per yards per pound **(AA / 16)**
- CC** total # of yard WARP & WEFT **(S + ZZ)**
- DD** BOTH yarn warp & weft # & oz. **(CC / AA)**
- EE** WARP only in # and oz. **(S / AA)**
- FF** WEFT only # and oz. **(ZZ / AA)**

Clear form and start over

Recalculate