

# SE2SE Wooly Weaving Challenge

## Warp and Weft Yarn Information

Warp yarns

Must be strong!

2 ply yarns are good

Experienced spinners can try a worsted spun single

Long wool breeds make strong warp yarns – ex.: Cotswold, Leicester Longwool, Lincoln or Teeswater. Karakul and Navajo-Churro are also long wool breeds but will probably be too rough for neckwear.

Grist is **the density of a yarn**; the concept factors in both the circumference and weight in a length of yarn. Spinners and weavers talk about grist with the acronym YPP or yards per pound.

Spinners and knitters also talk about WPI or Wraps Per Inch – yarn is wrapped gently around a ruler or a dowel and the wraps are counted. Don't squish!

Weavers talk about EPI or Ends Per Inch (each warp thread is an End)

For our Wooly Weaving Challenge, the warp yarn needed for a 10" scarf is approximately

Fingering	18-24 WPI	12 epi	400 yards
DK/Sport	12-20 WPI	10 epi	330 yards
Worsted	8-16 WPI	8 epi	270 yards

Weft yarns can be:

a more tender yarn, with less twist

the same as your warp yarn, or

a much finer yarn, to highlight the warp yarn

When you weave, the weft yarn as it is woven is called a Pick, and weavers talk about PPI or Picks Per Inch.

We will strive to weave approximately the same PPI as our warp EPI. For example, a DK weight yarn in a 10 dent rigid heddle is set at 10 EPI, and as we weave, we will aim for 9-10 picks per inch (PPI)

Here is an article about WPI - <https://spinoffmagazine.com/wraps-per-inch-by-amanda-berka/>

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