



Crunching the numbers: Warp Yarn Required

THE
Handweaving
Academy

Warp Yarn Required

*Warp yarn required in
the entire warp **or of**
a specific yarn
(Imperial)*

Total warp ends _____
x Overall warp length in yards _____
= Yards of warp yarn required _____
÷ Yards per pound of warp yarn _____
= Pounds of warp yarn required _____
x 16 _____ x 16 _____
= Ounces of warp yarn required _____

*Warp yarn required in
the entire warp **or of**
a specific yarn
(Metric)*

Total warp ends _____
x Overall warp length in meters _____
= Meters of warp yarn required _____
÷ Meters per kg of warp yarn _____
= Kg of warp yarn required _____
x 1000 _____ x 1000 _____
= Grams of warp yarn required _____



Maximizing Available Warp Yarn

Calculate the maximum warp ends or length possible given a limited supply of yarn.

$$\frac{\text{Length of yarn available}}{\div \text{Overall length of warp}} = \text{Max warp ends possible}$$

$$= \text{Max warp ends possible}$$

$$\frac{\text{Length of yarn available}}{\div \text{Number of ends in warp}} = \text{Max warp length possible}$$

$$= \text{Max warp length possible}$$