

CHART OF THREAD SIZES AND TEXTURES AND THEIR PROPER SETTING

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Name of Article	Name of Warp	Yds. Per Lb.	Setting in Sley	Tabby Weft
A. DRESS FABRICS				
I. WOOLLEN FABRICS				
a. Light weight, such as neckties, scarves, berets, light-weight dress.	1. Fabri	4800	24-loose 30-close	Same as warp with nubbed thread at intervals if desired.
	2. Iceland	4200	15 or 16 loose	
b. Fine, firm weaves for dress, jackets.	1. Fabri	4800	30, 32	Same as warp or very fine homespun of same grist
	2. Afghan	7000	36, 40	
c. Open-weave lighter weight dress goods	1. Iceland	4200	20, 24	Same as warp. Same as warp or fine im- ported home- spun.
	2. Fabri	4800	20	
	3. Afghan	7000	26, 30	
	4. Fabricspun	3200	18, 20	
Slightly coarser	5. Weaving Sp.	4000	20, 24	
d. Heavy suitings sport coats, etc.	1. Imported Scotch Tweed	2000 to 2300	15, 16	Same as warp.
	2. Shetland	2000	15, 16	
	3. Homespun	2200	15, 16	
II. LINEN DRESS				
a. Fine smocks, aprons, blouse	1. 50/2 Linen	7500	36, 40	Same as warp. or 20 single Same as warp or 14 single
	2. 40/2 Linen	6000	30, 32, 34	
	3. 40/3 Linen	4000	24, 26	
b. Coarse, heavy, for coats, etc.	1. 18/2 Linen	2700	15, 16	10/1 weft or Linen Floss
	2. Linen Floss	1500	15, 16	
III. COTTON DRESS				
a. Fine	1. Cotton, 30/2	12600	35, 36	Same as warp or umbrian, or Perle 20 in colors.
	2. Perle, 20/2	8400	32, 34	
	3. Cotton, 20/2	8400	30, 32	
	4. Egyptian	6720	28, 30	
b. Heavier for jackets, coats, etc., all-cotton or part linen	1. Egyptian 16/2	4500	24, 26	Same as warp or linen of grist. Same or Linen Floss
	2. Cotton 14/2	5880	20, 24	
	3. Perle 10/2	4200	24, 26	
	4. Perle 5/2	2700	15, 16	

Pattern Weft	Recommended Threading to Use
	<p>a. Weave with tabby weft only. For best effects in woolen materials, do not use overshot patterns, but thread the warp in all-over surface patterns such as: Tabby in stripes or plaid; Twills in stripes or plaids Herringbone; Goose-eye; Bird-eye; Shepherd's Check; Crepe Weave; Basket Weave, Log Cabin; Broken Twill; Bronson Weave; etc.</p>
<p>b. Same as above.</p>	
	<p>c. Same as above, with stress put upon an even textured balance of warp and weft. Select patterns such as Bronson which will give an openwork effect or tabby set far apart, with nubbed threads at intervals.</p>
	<p>d. Tabby, Twill, or Mottled patterns, as under a. above. Scandinavian or Colonial Suiting patterns.</p>
<p>a. Perle 10 used dble. or 8-strand in small overshot borders.</p>	<p>Tabby. Twills, Small Dot Figures, Granit, Crepe, Broken Twills. For a large all-over figure, choose a Crackle Weave, such as Drifting Shadows.</p>
	<p>b. For textured coat materials, choose one of the patterns under A, Woolen Fabrics, above.</p>
<p>a. Perle 10 or Perugian Filler for small over shot.</p>	<p>Tabby backgrounds with borders in small overshot patterns - Rose-Path, Honeysuckle, Monks' Belt, Lincoln's Rail Fence, etc.</p>
	<p>b. For heavy textured cotton materials, choose one of the patterns under a, Woolen Fabrics, above.</p>

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B. WEARING APPAREL				
ACCESSORIES				
I. BELTS				
a. Heavy type	1. Carpet Warp used double	1200	8, 10	Same as warp.
	2. Perle 3	1350	10, 12	Same as warp.
	3. Germantown	1200	8, 10	Same as warp.
	4. Peasant Wool	945	6, 8	Same as warp.
b. Fine type, soft and flexible texture	1. Perle 10	4200	26, 28	Same as warp.
	2. Perle 5	2700	18, 20	Same as warp.
	3. Crochet Cotton	2400	16, 18	Same as warp.
II. HAND-BAGS, PURSE				
a. Fine texture	1. Cotton 20/2	8400	16	Fabri packed down entirely over warp.
b. Medium weight	1. Linen 40/3	4000	24	Same as warp.
	2. Egypt 24/3	6720	30	Same as warp.
	3. Perle 10/2	4200	24	Same as warp.
c. Heavy weight	1. Carpet warp 8/4 ply	1200	8	Fine silk rags or nar- row loops stockings.
	2. Carpet warp	1200	8, 10, 12	Same as warp
	3. Perle 5	2700	20	Same as warp.
C. BED COVERINGS				
I. COVERLETS, PIL- LOWS, RUNNERS				
a. Fine	1. Cotton 30/2	12600	35, 36	Same as warp
	2. Perle 20	8400	32, 34	or perle 20 in colors

Pattern Weft	Recommended Threading to Use
<p>Thrifty-Knit Cotton or Candlewicking</p> <p>Heavy cottons or linen floss</p> <p>For very heavy warp it is best to use an all-over texture weave, such as the Twills, Bird-eye, Herringbone, Goose-eye, Shepherd's Check, Plaid, etc. Same patterns as for Germantown.</p>	<p>1. Card-weaving, Inkle Loom Weaving, Tabby, Twills, Small Overshot Patterns, such as Monk's Belt, Diamon, Rose-Path, Raindrops.</p> <p>2. Same as above.</p>
<p>Crochet Cotton or Perle 5</p> <p>Perle 3, or Linen Floss</p> <p>Perle 3, or Linen Floss</p>	<p>Card-weaving, Inkle Loom Weaving, same as 1 above.</p> <p>Same as 1. above.</p> <p>Same as 1 above.</p>
<p>None</p>	<p>a. Tabby, with colorful horizontal stripes in many shades.</p>
<p>Raytone, Perle 3 Fabri Perle 5</p>	<p>b. Tabby, Twills, Texture Weaves, Short Overshot, such as Diamond, Monk's Belt, Rose-path, Honey- suckle; for large bags, Whig Rose.</p>
<p>None</p> <p>Candlewicking, or Germantown wool</p> <p>Same as warp</p>	<p>c. Tabby, weaving with the rags only, in colorful stripe designs.</p> <p>Well-knit Overshot Patterns: Cleveland Web, Butternut Chariot Wheel, etc. Also Summer and Winter Crackle Weaves</p> <p>Finnweave, with designs planned to fit shape of bag.</p>
<p>Fabri or very fine homespun</p>	<p>Large Overshot Patterns: Whig-Rose, Lover's Knot, Dbl. Bow-Knot; Sunrise, Lee's Surrender, Pine Bloom, Kentucky Garden, Sun, Moon and Stars, Missouri Trouble Young man's Fancy, Queen's Delight, Chariot Wheel.</p>

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b. Medium weight	1. Cotton 20/3	8400	30, 32	Same as warp or Umbrian colors
	2. Egypt. 24/3	6720	28, 30	
c. Heavier	1. Egypt. 16/3	4500	20, 24	Same as warp or Perugian in colors
	2. Cotton 14/2	5880	24, 26	
	3. Mercerized 10/2	4200	20, 24	
II. BLANKETS				
a. Fine wool	1. Fabri	4800	20, 24	Same as warp or fine home- spun
	2. Weaving Sp.	4000	18, 20	
b. Medium wool	1. She tland	2000	14, 16	Same in grist
c. Heavy wool	1. Germantown	1200	10, 12	Same in grist
	2. Peasant wool	945	6, 8	Same in grist
D. UPHOLSTERY				
a. Fine	1. Linen 40/2	6000	32, 36	Same as warp
	2. Perle 10/2	4200	28, 30	Same as warp
	3. Egypt 24/3	6720	30, 32	Same as warp or Perugian
b. Medium (soft and flexible)	1. Linen 40/3	4000	24	Same as warp
	2. Fabri	4800	30	Same as warp
c. Heavy	1. Linen 18/2	2700	16, 18	Same as warp
	2. Egypt. 16/3	4500	24, 26	Same as warp
E. DRAPERIES				
I. SUN CURTAINS, LIGHT WEIGHT DRAPERIES				
a. Fine effects	1. Perle 20/3	8400	30	Same as warp
	2. Egypt. 24/3	6720	20, 24	Same as warp
	3. Umbrian warp	8400	30	Same as warp
b. Heavier	1. Linen Floss	1500	7½, 8	Same, or a Textured weft
	2. Perle 5	2700	12	same grist
	3. Perle 3	1350	7½, 8	"

Pattern Weft	Recommended Threading to Use
Weaving Special or Perle 5	Governor's Garden, etc. Also Summer and Winter pattern and Crackle Weave patterns.
Homespun, Shetland or Perle 3	
None	All-over surface patterns, such as: Tabby, and Twill Weaves using a warp of single color or stripes in the warp and weft for plaids. Small figures in the weaves are good, such as, Crepe Weave, Bird-eye, Goose-eye, Herringbone, Dornick. Also Bronson Weaves, (using the same tabby between shots,) M's and O's, Honeycomb, Rain Drops.
None	
None	
None	
Twisted silk or Fabri Perle 5, Rayon Perle 5 or Scotch Homespun	All-over surface patterns, such as: Goose-eye, Herringbone, Rose-path, Wheat Stitch, Broken Twills, Double-faced twills, Damask, Finnweave, Bronson Weaves with tabby shots alternating, Small overshot patterns such as Diamond, Lincoln's Rail Fence, and for larger patterns Summer and Winter, or Crackle Weaves, such Drifting Shadows.
Linen Floss Tightly twisted silk or Homespun	
Hard twisted knitting yarns, French Tapestry wools, Linen floss.	
Perle 10 or 6- strand " " " "	Tabby with heavy threads at intervals; or tabby with small pattern borders, such as Monk's Belt, Honey-suckle, Solomon's Delight, etc. The warp may also be threaded to tabby in color stripes, or all one color with designs finger-woven into tabby with 6-strand floss. Also open-work weaves such as Bronson, or Tabby with spaces in sley. Also Mock Leno or Swedish Lace Weave, Leno, Bronson, Gauze Weaves, textured dress fabric weaves woven loosely.
None	

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II. SIDE DRAPERIES, PORTIERES, etc.				
a. Medium weight	1. Perle 5	2700	16, 18	Same as warp
	2. Linen 18/2	2700	18, 20	Same as warp or Zephyr yarn or Linen Floss
b. Heavy	1. Crochet cotton	2400	24	Same as warp
	2. Perle 3	1350	8	Same or Peasant Wool
	3. Carpet warp Perle 3	1200 1350	12 12	Same as warp Same as warp
F. RUGS				
I. PATTERN RUGS	1. Carpet warp	1200	16	Same as warp
	2. Linen 10/5	600	7 $\frac{1}{2}$, 8	Same as warp
	3. Perle 3	1350	16	Same as warp
II. PLAIN RAG	1. Carpet warp	1200	10, 12	Rags, Rugro Stockinette
III. PILE RUGS	1. DbI. Carpet	1200	8	Same as warp
	2. Linen 10/5	600	7 $\frac{1}{2}$, 8	
IV. BATH MATS	1. Carpet warp	1200	10, 12	Chenille
	2. Carpet warp	1200	16	Same as warp
G. TABLE LINENS				
a. Fine: Table- cloths, napkins	1. Linen 40/2 round	6000	30, 32	Same as warp or same grist
	2. Linen 50/2 round	7500	36, 40	
b. Medium: Runners, tray cloths, dresser scarf	1. Linen 40/3 round	4000	24, 26	Same as warp or 14/1 or linen special weft.
	2. Linen 30/2 round	5000	26, 28	
	3. Linen 18/2 round	2700	20	
c. Very coarse: Runners, towels, etc.	1. Linen 20/3	2000	16, 18	Same as warp or 10/1 or Linen floss

 Pattern Weft

 Recommended Threading to Use

Perle 3 or Linen
Floss
None

Tabby or Twills with vertical stripes in warp.
Log-cabin threading, Shepherd's check. Suiting weaves
woven closer than above. Short overshot patterns for
all-over pattern effects.
Bronson Weaves

None

Double finnweave

Three-Harness Weave

Peasant or Home-
spun wools

Patterns looking well on both; patterns woven on op-
posites; Summer and Winter Weaves; Crackle Weaves, Twill
Weaves, 3-harness, M's and O's.

Rugro, rags, rug-
yarn

Whig Rose, Diamond, Block work, Dog Tracks, Twice-woven
rugs, Navajo Saddle Blanket Weaves with warp at least
as coarse as 12, Summer and Winter or Crackle with warp
at 12 per inch.

None, Tabby or
Twill weaves only

Rug Wool, Smyrna

Special designs planned on check paper for surface
effects, using rug knots such as Swedish Floss

Tabby only
Candlewicking,
Rugro, Chenille

Small overshot, such as: Diamond, Raindrops, Rosepath
also Twills, Bird-eye, etc.

Weave these linens
as all-over patterns;
no tabby.
See suggested
threadings. If a
small pattern is
desired for border
at end of pieces
thread in small
overshot patterns
only. Tabby same
as warp; pattern
thread heavier
such as Linen Floss,
Perle 5

Betsy Ross, Herringbone, Goose-eye, Double Twill, Bird-
eye, Diamond Weave, Brondon, M's and O's, Rosepath,
Wheat Stitch, Huck, Summer and Winter, Crackle. (The
linens). Spanish Open-work Weaves.

Name of Article	Name of Warp	Yds. Per Lb.	Setting in Sley	Tabby Weft
G. LINENS				
c. Coarse	2. Linen 15/2	2250	18, 20	Same as warp or 10/1 or Linen floss
	3. Linen floss	1500	16	
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d. Half-linen Towels, table mats, (this material makes reason- able tabby texture. Bor- ders may be added.)	1. Cotton 20/2	8400	32, 34	Linen 20/1
	2. Cotton 30/2	12600	35, 36	Linen special
	3. Cotton 24/3	6720	30	Linen 20/1
	4. Cotton 16/3	4500	30	Linen 20/1 Linen special Linen special; 18/1

Weavers fail most frequently in the proper setting of threads.....
the successful weaver must master this art, as well as that of choosing the
right weft for the warp.

In using the above chart read across each line horizontally. Where a
paragraph of explanation is given, it applies to all the setting included in the
span of space which it covers. Where several settings are given for the same
thread, both may be used, one for a finer, and the other for a slightly coarser
weave. In cases where a thread of low yardage is set in a fine reed, and a
thread of high yardage seems inconsistently to be set in a coarser reed, it is
because of the close twist of the former and its resulting fineness.

Pattern Weft

Recommended Threading to Use

Crochet Cotton
Linen Floss
Perle 10

SMALL OVERSHOT: Honeysuckle; Rosepath, Diamond;
Solomon's Delight; Crackle Weave;
Monk's Belt.
