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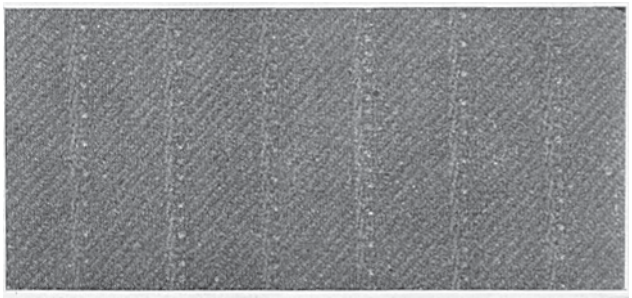
NOVELTY IN MEN'S WEAR FROM ABROAD.

Worsted Suiting. (*Stripe.*)

Warp: 6944 ends.

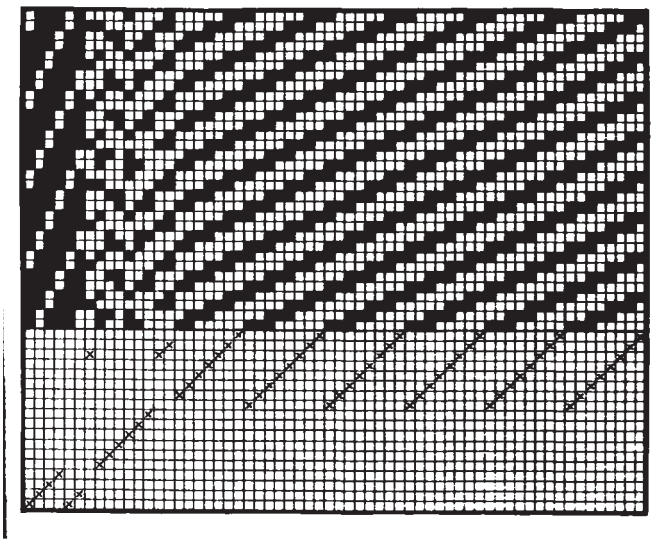
Dress: 16 sections, each containing 7 patterns @ 62 ends, or 434 ends total.



ACTUAL REPRODUCTION OF FABRIC
from which details of fabric structure given, are taken.

Weave: 4-harness even sided twill for face, backed 1:1 with 4-harness uneven sided twill, used for ground portion of fabric, and which in turn is striped over with a basket effect and a diagonal twill. Repeat 62 warp-threads and 16 picks.

Drawing-in draft: 18-harness fancy draw, as shown by *cross* type below weave.



Arrangement of Warp:

7 ends 2/48's worsted, olivebrown.
1 end 2/56's worsted, med. green.)
1 " 2/56's worsted, bordeaux. } × 2.
1 " 2/50's merc. cotton, olive.)
49 ends 2/48's worsted, olivebrown.

62 ends in repeat of pattern.

Reed: 13½ drawn thus:
7 dents with 8 ends.
1 " " 6 "

8 dents containing 62 ends, or one repeat of the pattern, to be 66½ inches wide in reed.

Filling: 46 picks per inch, all 2/42's worsted olivebrown.

Finish: Worsted finish, scour well, clear face, 56" finished width.

CREPE WEAVES.

(*Continued from page 6.*)

Satin Foundations—Counting-off in Sets of Two or More Warp-threads.

This system of constructing crêpe weaves having satin foundations differs from the one previously explained in that two different interlacings of the warp-threads in the repeat of the weave are made use of. A given interlacing is added to each foundation satin spot, counting this interlacing for some of the warp-threads upwards and for the others downwards on the weave plan. To explain this method of constructing crêpe weaves the accompanying plate of weaves is given, and where *cross* type in every instance indicates the respective foundation satin weave.

Fig. 1: Foundation the 7-harness satin. The interlacing selected for every warp-thread, for its six picks between two satin spots, is $\frac{3}{1\ 2}$, counting for every uneven warp-thread (considering two repeats of the satin, *i. e.*, 14 warp-threads: 1, 3, 5, 7, 9, 11 and 13) beginning with the next pick to the satin spot *upwards*, and for every even warp-thread (2, 4, 6, 8, 10, 12 and 14) starting from the pick before the satin spot and counting *downwards* on the weave plan, resulting in a crêpe weave, repeating on 14 warp-threads and 7 picks. Two repeats in height of weave are given the repeat on top being shown all in *full* type.

Fig. 2 has for its foundation the 10-harness satin, used with counting-off $^{1}\ _{2}\ ^{2}\ _{1}\ ^{1}\ _{2}$ alternately, every uneven warp-thread upwards and every even warp-thread in the repeat of the weave downwards, for the nine picks between the two spots of the repeat of the 10-harness satin. Repeat of weave 10 warp-threads and 10 picks. One repeat of weave is given.

Fig. 3, same foundation weave and arrangement as used with weave Fig. 2, using $\frac{1\ 2\ 1\ 1}{1\ 1\ 1\ 1}$ for counting-off the interlacing of the warp-threads with its picks.

Fig. 4, same foundation weave and arrangement as used with weave Fig. 2, using $\frac{2\ 2}{3\ 1\ 1}$ for counting-off the interlacing of the warp-threads with its picks.

Fig. 5 has for its foundation the 8-harness satin, used with counting-off $^{1}\ _{1}\ ^{3}\ _{2}$ for the seven picks between every two satin spots. In this instance the counting is done alternately for two warp-threads counting upwards and for one warp-thread downwards, taking in either instance the respective pick nearest to the satin spot as the basis to start counting from. This gives us 3 warp-threads to the set and which number in connection with 8, the basis of the foundation, gives us (3 × 8 =) 24 as the lowest possible multiple of said two numbers (3 and 8) hence repeat of weave 24 warp-threads and 8 picks. Two repeats in its height are given.