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INTERNATIONAL PLEATING



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How to Use Machine Pleating

Version 1

A catalog for pleating samples and examples of pleating usage in garments.



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How to Utilize Machine Pleating:

The purpose of this document is to inform about machine pleating and the different applications of its use in garments. Two of the most frequent confusions we see in our clients are:

1. not understanding the difference between machine pleating or pattern pleating,
2. and if the fabric is pleated before or after the garment is cut.

The Difference between Machine Pleating and Pattern Pleating:

The main difference between these two types of pleating is that machine pleating is usually pleated on a roll of continuous fabric. The fabric is sandwiched between two layers of paper that stabilize the fabric and assists in the cutting process. When pleated fabric is cut it is recommended to cut one layer at a time as opposed to cutting non-pleated fabric which can be stacked in multiple layers. This will ensure an accurately cut garment, however there is a workaround for this drawback for certain styles. For examples please refer to page 8.

Pattern pleating is pleated in panels. The panel length can vary according to the dimensions of the pattern. This type of pleating is usually used for bias circle skirts, pleats larger than one inch, and when irregular shapes or designs are required. The advantage of this type of pleating is that it gives you precise control over the grain line of the fabric, as well as the ability to manipulate the grain and correct the grain as occurs in poorly woven fabrics. This document is focused solely on machine pleating. Pattern pleating will be the subject of our next ebook.

Is Fabric Pleated First or is the Garment Cut First?

Well...both. You can do both depending on how you construct your garment.

All of the styles on the following pages have been designed, patterned and stitched **IN-HOUSE**. We strongly urge our clients to consult us before making the first sample so that we can save you countless hours of trial and error. We have developed and manufactured tens of thousands of styles and pleated millions of yards of fabric. Our experience is available to you, from couture to high volume garments we offer over 80 years of cumulative knowledge.

About Us:

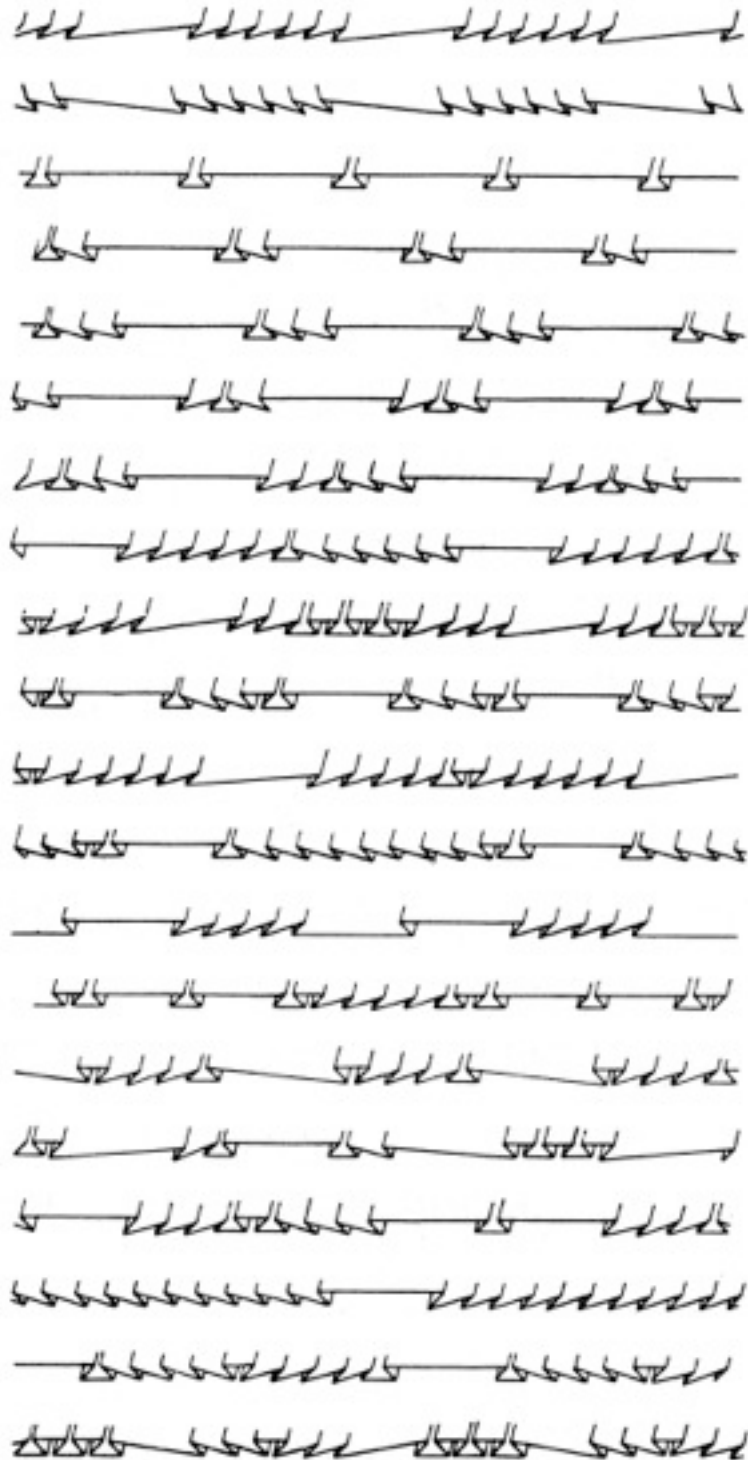
We are pleating contractors with over 80 years of industry experience. Our facility is capable of all types of pleating from table/hand pleating to machine pleating. We take pride in our technical capabilities, which is evident in our unique and couture pleating. Please email or call us if you have any questions regarding the use of this document. Your feedback is encouraged.

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Examples of Machine Pleating



Examples of Machine Pleating (cont.)



Pleated Fabric by the Yard:

The following images are examples of styles that have been made from fabric that has been pleated on a roll, then cut and sewn.



Fused pleating:

The following styles all have pleating that has been fused to interfacing to stabilize the pleating. This process is beneficial for the following reasons:

- the increased stability of the pleating significantly reduces sewing labor cost
- can reduce the fabric loss factor with certain pleating styles
- and expands your styling options, for example pleated jackets.



Specialized Applications and Accents of Pleating

The top row of sketches show specialized uses of pleating. In certain instances bias machine pleating is required when draped, cowl or fitted bodices are incorporated into the design. The second row shows examples of pleating used as an accent.



Garments Pleated After Sewing

This page contains examples of garments that have been cut and sewn before being pleated. The primary advantage to this method is cutting can be done in mass quantities and sewing cost are very inexpensive. This is due to 2 reasons, first the fabric is not pleated so a highly skilled operator is not needed.

Secondly, the primary machine used for sewing is the merrow machine, which is a high speed operation. The only area of caution which can cause a great deal of trouble is pressing. Please contact us for specifics.

