

Application & Usage Instruction

MATTERS TO CONSIDER BEFORE AND AFTER USE

a) Before Use

The content and characteristic features of the product to be used in order to design the final product according to the characteristic structure of the products should be requested from FLOKSER.

When the products are used with different types of materials, they may show undesirable reactions. (Dyeing, bleeding, hardening, dullness, shine, etc.). Before starting mass production, a model study should be conducted and tested to ensure its suitability.

Before proceeding to mass production, the products offered to the customer should be checked for technical tests and visual controls before processing. Mass production should not be started before sampling work is completed and verified that the final product meets the desired test values. Returns are not accepted for processed and cut products.

If a laminate or a different process is to be applied to the product due to the customer's process, it must be ensured that the production technique and the raw material used do not damage the product. Especially in joining or surface processes with solvent-based materials, it should be ensured that the solvent does not interfere with the product and spoil the product structure, and optimum production conditions and optimum raw material usage amounts should be determined.

Otherwise, deterioration/peeling of the product due to customer process will not be accepted.

Light and dark colored products should not be combined for risks that may occur in the future. In addition, it should not be used with different types of materials (fabric, denim, accessories, etc.) of which you are not sure of the fastness values.

There may be tonal differences between lots due to process conditions. Considering the lot information written on the FLOKSER label during use, care should be taken to use the same lots together. Lot information separation on the label is explained in detail in the delivery and storage instructions. (See Delivery & Storage Instruction).

b) After Use

After the fabrics become the final product, precautions should be taken against any damages that may occur during storage and transportation.

While storing the products, packaging should be carried out in a way to prevent them from breaking, making marks, sticking and being damaged. Paper and similar protective material should be placed in between. Do not overload packages so that they do not put pressure on each other. Please be advised that the products that have traces due to these situations cannot be flatten by ironing.

Packaged products should not be kept in closed boxes for a long time. They should not be stored in hot, humid environments.

FLOKSER is not responsible for any process, person and usage defects that may occur in the use of the product.

SEWING AND JOINTING APPLICATION

'SD' (suitable for coated products) needles with triangular tips or R standard round-point needles should be used. While choosing needle and thread; seam opening and breaking tests should be conducted, sample stitches should be made and the final application should be started by making a decision on suitability for the product.

In order not to damage the product surface in sewing machines, attention should be paid to the use of Teflon plastic feet. Sewing should be carried out in such way that does not distort the structure of the products. For this reason, in order not to encounter problems with opening the seam, the preferences of thread type, needle type, needle change process, joining method, machine type, stitch tension and number of strokes per centimeter are essential. The intended result can be achieved by sewing in a way that does not disrupt the structure of our products.

For Joining Stitch;

Yarn.....	Gütermann.....
Thread yarn	TERA 40 75 TEX
Spool yarn	TERA 40
Tension setting	To lock in the middle
Needle.....	Groz - Beckert.....
Needle Type	DP x 35 (uzun gövdeli)
Needle thickness	100 / 16
İğne uç formu.	R standard round point tips shall be preferred.
Machine.....	Pfaff 2235 - Dürkopp 367
Double-footed upholstery sewing machines should be preferred so that needle movements do not damage the material in leather sewing.	
Sewing frequency shall be minimum 5 stitches at 1 cm.	

For Blind Stitch

Yarn.....	Gütermann.....
Thread yarn	TERA 10 300 TEX
Spool yarn	TERA 20 150 TEX
Tension setting	To lock in the middle
Needle.....	Groz - Beckert.....
Needle Type	DP x 35 (uzun gövdeli)
Needle thickness	160 / 23
İğne uç formu	R standard round point tips shall be preferred.
Machine.....	Pfaff 2235 - Dürkopp 867
Double-footed upholstery sewing machines should be preferred so that needle movements do not damage the material in leather sewing.	
Sewing frequency shall be minimum 5 stitches at 1 cm.	

The most commonly used sewing thread is bonded nylon, preferably sizes 69 and 92. Based on its superior strength, durability, chemical resistance and consistent sewing performance factors, nylon has become the thread of choice. The machine stitch density should be adjusted to a minimum of 5 stitches per 1 cm for joining stitches. Make sure that the buttonholes are double wrap or eyelet buttonholes.

Polyester-based yarns are generally preferred for outdoor applications due to their high UV resistance. However, chemical reactions may occasionally occur between dyes used for coated fabrics and polyester yarns. This should be considered while choosing the thread and if possible, threads close to the color of the coated fabric to be sewn or with high fastness should be used.

Otherwise, it should be noted that this may also cause possible surface painting. For this reason, material selection should be made by performing compatibility tests.

Sewing difficulties can also occur due to thread quality.

- Yarn plies separate easily and cause breakage.
- Often, insufficient lubrication of the sewing machine can result in excessive needle heat and consequent thread melt, breakage or surface staining.
- Not pulling the thread freely from the tube results in broken or skipped stitches.



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