



FINISHING

PERSOFTAL[®] ULTRA

Safe, stable, softer than ever

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Safe softening with PERSOFTAL® ULTRA

Why soften materials?

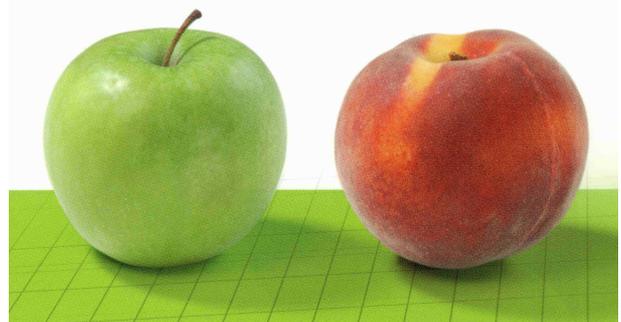
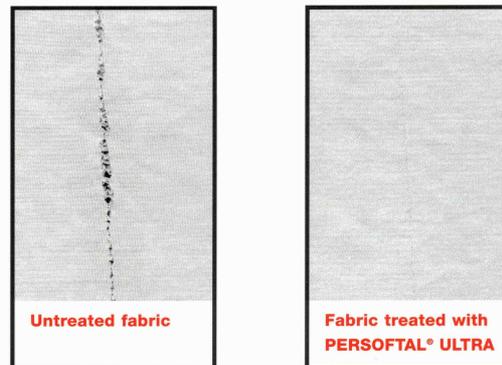
Treating fabrics with softeners has many advantages. Manufacturers profit from the fact that softened textiles are easier to process. For them, sewability is an important feature of any type of fabric they work with. This sewability can be enhanced by the use of a good macro-silicone softener. At the other end of the chain, consumers appreciate the feel of clothes made out of softened materials. They are increasingly aware of the difference between rigid and soft fabrics, and usually prefer the softest materials when choosing clothes and fabrics.

The disadvantages of standard softeners

Standard macro-silicone softeners, however, have certain disadvantages that can cause great problems in the softening process. The weakest point of regular softeners is their limited shear stability. When exposed to light shear forces during pumping, standard emulsions 'break', which often causes grease and silicone stains that are very difficult to remove. Also, the friction between the sewing needle and the regularly softened cloth can cause a considerable rise in needle temperature, resulting in holes in the material. Furthermore, standard softeners affect the color of the fabric: white materials can turn yellowish and other light colors often lose their brightness.

Another disadvantage of standard macro-silicone softeners is their tendency to give natural fibers a synthetic feel. For example, cotton treated with a regular softener can have a 'plastic' touch, whereas a natural feel is preferred. Some rigid materials are very difficult to soften at all, even when large amounts of standard softeners are used. PERSOFTAL® ULTRA will soften these fabrics.

SEWABILITY



PERSOFTAL® ULTRA: a new-generation softener

PERSOFTAL® ULTRA is entirely different. In developing this new macro-silicone softener, TANATEX particularly focused on the desired shear stability of the emulsion, in order to create a safe and attractive product for the textile processing industry. End users will undoubtedly be struck by the extreme softness of garments or fabrics treated with PERSOFTAL® ULTRA, and also the industry will benefit greatly from the unique properties of this new-generation softener.

- * PERSOFTAL® ULTRA stays stable in situations where other softeners 'break', thus minimizing the risk of grease or silicone stains
- * When PERSOFTAL® ULTRA is used, needle temperatures do not rise as high as they do with standard softeners, which enhances sewing efficiency and quality
- * PERSOFTAL® ULTRA does not affect the whiteness or the original color of the material softened
- * with PERSOFTAL® ULTRA, natural fabrics maintain a natural feel; unlike other softeners, PERSOFTAL® ULTRA does not give materials a synthetic touch
- * PERSOFTAL® ULTRA is a highly concentrated product with a solid content of 60%
- * PERSOFTAL® ULTRA gives a pleasant and soft handle to even the most rigid materials
- * With PERSOFTAL® ULTRA, fabrics will become softer than ever, while safety and stability are guaranteed. PERSOFTAL® ULTRA - a true revolution.



A softener that gains you the edge !



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