



Topic: Over view of Sanforization Process.

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Content:

What is Sanforization Process?

Sanforization is a process of treatment used for cotton fabrics mainly and most textiles made from natural or chemical fibers.

It is a method of stretching, shrinking and fixing the woven cloth in both length and width before cutting and producing, to reduce the shrinkage which would otherwise occur after washing.

This process can also be called Zero -Zero Finish.

What Is Shrinkage?

Shrinkage is the contraction in the dimension of the fabric due to usage.

Cotton fabric suffers from two main disadvantages of shrinking and creasing during subsequent washing.

Reason for shrinkage:

In case of Woven fabrics, the warp yarns are under much strain due to interlacement than the weft yarns. Hence when a fabric is allowed to shrink, the warp yarn shrinkage will be more than weft yarns.



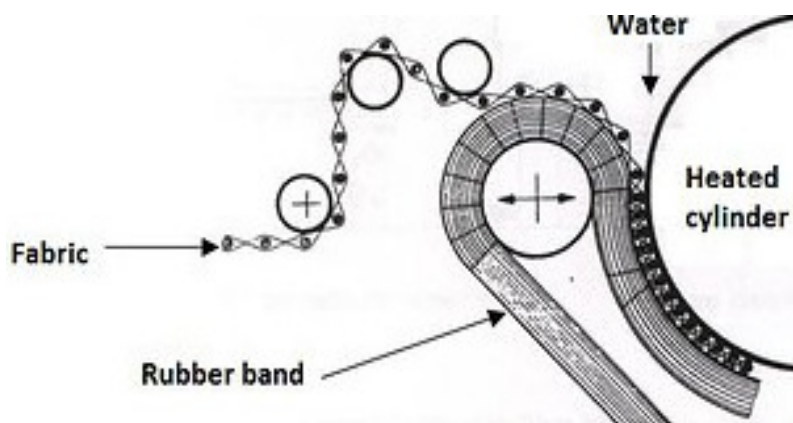
Sanforization Process:

The cloth is continually fed into the sanforizing machine and therein moistened with either water or steam.

A rotating cylinder presses a rubber sleeve against another, heated, rotating cylinder. Thereby the sleeve briefly gets compressed and laterally expanded, afterwards relaxing to its normal thickness.

The cloth to be treated is transported between rubber sleeve and heated cylinder and is forced to follow this brief compression and lateral expansion, and relaxation. It thus gets shrunk.

The greater the pressure applied to the rubber sleeve, the less the shrinking afterwards. The process may be repeated.



“Happy Week ahead”