





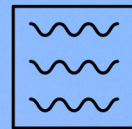


Black Theory

Black Theory is Soorty's new innovative and responsible over-dye process. The process helps to enhance the dye intake; giving the fabric surface a shiny luxurious look that is appealing customers searching high quality textiles.

Black Theory in comparison with conventional rope dyeing:

| | ROPE DYEING + OVER DYEING | BLACK THEORY | COMPARISON |
|---|---------------------------------------|--------------------------------------|-----------------|
|  | Water Consumption: 11.36 L/ M | Water consumption: 8 L/ M | 29% Less |
|  | Steam Consumption: 3.06 Kg/ M | Steam consumption: 2.0 Kg/ M | 35% less |
|  | Energy Consumption: 0.0629 Kwh/mtr | Energy Consumption: 0.045 Kwh/M | 28% Less |
|  | Chemical use | Reduced processes, Minimal design | 50% Less |



Black Theory is developed with a special over-dye process that is designed specifically to achieve its unique look.

This new process provides several benefits, including:



Increased strength: makes the fibers more durable and less likely to break during processing.



Increased luster: give cotton fibers a shiny, lustrous appearance.



Improved dye uptake: Helps Cotton fibers have a greater affinity for dyes, allowing more deep colors to be achieved during the dyeing process.



Improved absorbency: helps fibers have a greater capacity for absorbing moisture.



Reduced shrinkage: fibers are less likely to shrink or distort during washing and drying, which can make them more appealing to consumers.



Enhanced comfort: improve the softness and smoothness of cotton fibers, making them more comfortable to wear.



Greater Contrast: helps to have a more contrast look during the washing compared to garments made with conventional dyeing.



Quick Wash Downs: Help to have quick wash down which help to reduce water, energy, and chemical used in extensive washing process.