

Dope Dying Advantages

KStrong uses a more Durable and Eco-Friendly method called Dope Dying for its Harness and Lanyards.

Benefits and Advantages:

- More **durable** Production technique to colour synthetic fibers such as acrylic, nylon and polyester
- The **colour pigments become part of the fiber** , improving the colour-fastness, leading to less colour deviation compared to traditional dyes
- Our webbing is manufactured from dope dyed yarn which allows the use of personal ID with marker pen on the webbing unlike other products.
- Better **UV resistance** leading to longer product life
- **Increased abrasion resistance** thus less wear & tear

Sustainable and more Environmentally Safe:

- **Reduces water consumption by 80%,**
- Less chemical use, a 20% reduction
- Greatly lowered use of chemical agents like alkaline by 80%
- Lower electricity energy usage by 7% compared to traditional dyeing.