



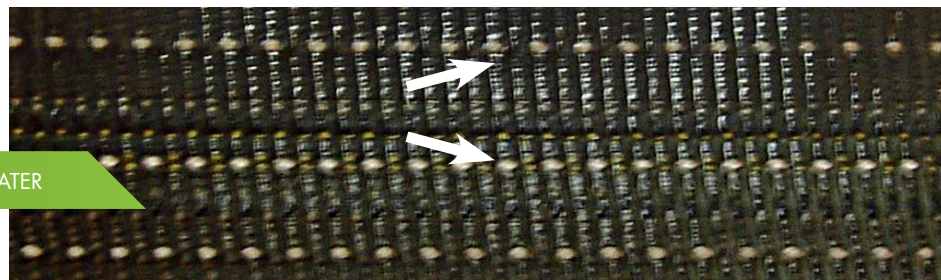
Hydro-Wick® PROCESS

PATENTED HYDRO-WICK® WEEPING PROCESS

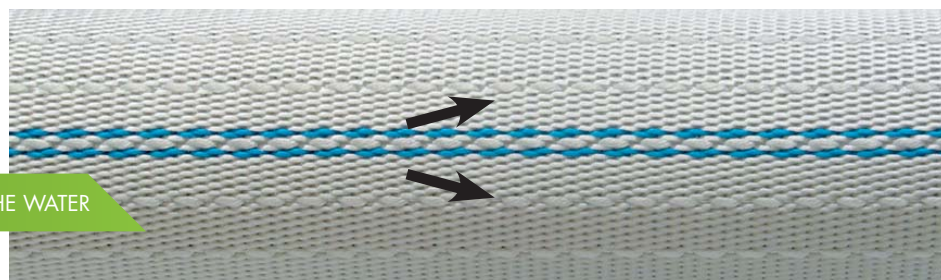
Special problems require special solutions and Mercedes Textiles Limited is particularly innovative in creating practical solutions to difficult problems. When the Forest Services of North America needed a more finely controlled weeping (self-protecting) hose than the previous technology could provide, Mercedes Textiles Limited created this clever yet simple design wherein carefully spaced yarns were exposed into the waterway. Through capillary action, a controlled amount of water is allowed to WICK through the yarn and quickly soak the jacket thoroughly. This action produces a wetted outer surface without reducing flow or creating additional turbulence. When the jacket is fully wet, the capillary action automatically stabilizes.

- The Hydro-Wick® weeping process results in considerably less pressure loss than competing products, while still maintaining protection against fire and heat
- Virtually eliminates clogging, as compared to competing products
- Complete wet out is achieved in up to 300% less time than the needle prick method
- The resulting wet jacket provides excellent protection against heat, i.e., forest fire applications

HYDRO-WICK® WEEPING PROCESS “WICK EFFECT”



LINER WICKS PICK UP THE WATER



JACKET WICKS DISTRIBUTE THE WATER