



DCON MITT™

Introducing the M2DCON™ DCON Mitt

The DCON Mitt is a new concept for physical removal, that incorporates the effectiveness of microfiber with a barrier laminate, that protects the wearer's gloved hands when performing decontamination. Being highly absorbent, having the ability to retain small particles and solids, and being constructed of a skin-safe, non-reactive microfiber material, make the DCON Mitt effective and safe for removal of contaminants on skin, Individual Protective Equipment, weapons, and sensitive equipment such as electronics and optics.



Made in America, utilizing 100% US made materials, the DCON Mitt is the ideal choice for immediate physical removal of a CBRN hazards.

DCON Mitt...The Basics

Microfiber has been utilized for decades for its ability to efficiently remove liquids, dirt, oils, and even germs from surfaces.

Microfiber is composed from a blend of polyester and polyamide fibers. These fibers are woven into smaller “splits,” which are many times smaller than a human hair. Splits give microfiber the ability to conform to surfaces and penetrate small cracks and crevasses on surfaces, which provides superior ability to remove liquids and droplets when compared to other absorbent materials like cotton cloths, paper towels, or plain polyester fabric alone. Microfiber’s split construction also provides a greater surface area in which liquids can be absorbed. In fact, microfiber can absorb 7-8 times its weight in liquids as compared to other materials. The fiber splits, either dry or slightly moistened with water, generate an attractive charge that helps entrap small solid particles and germs. This effect reduces cross contamination and lessen the chance of resuspending the contaminant and creating an air-borne hazard.

Microfiber has been tested, for physical removal of Chemical Warfare Agent liquids, by the US Army’s Combat Capabilities Development Command – Chemical Biological Center (formerly ECBC) and the UK Defense Science and Technology Laboratory (DSTL), and has proven highly effective for immediate decontamination.

In addition, Microfiber has been tested by a large number of university and national laboratories and found to be an material for the removal of biological pathogens from surfaces, when used in conjunction with liquid biocidal decontaminants.



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Microfiber References

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About our family of decontamination companies - Our core team brings greater than 35 years of experience to formulate the solution to meet the needs of our Customers. We focus on decontamination and other aseptic technologies in the form of consumable products and capital equipment. With greater than 25 patents and extensive collaborative research with Government laboratories (US Army ECBC, US Air Force AFRL, Dugway Proving Grounds, etc.), our team has proven experience developing and manufacturing state of the art decontamination equipment and solutions to meet the most challenging requirements of our Customers.