

HDM - RECOGNITION IN THE SMITHSONIAN, COOPER-HEWITT,  
NATIONAL DESIGN MUSEUM'S EXTREME TEXTILES BOOK

# EXTREME TEXTILES

DESIGNING FOR HIGH PERFORMANCE



Smithsonian  
Cooper-Hewitt, National Design Museum

Princeton Architectural Press, New York

"Other types of protective gloves may not be customized so much for the specific user as they are for the particular function. **SuperFabric®** is a new fabric that was first developed for cut and puncture resistance in the medical profession. It has since been adapted for industrial, military, recreational, and household applications."

"Miniscule circular guard plates cover all sides and are bound to the nylon base fabric. The base fabric can vary depending upon the use, but it is the guard plates that provide the ultimate protection against cuts. These plates also vary in terms of density, surface texture, and coating, and can fulfill additional performance requirements such as enhanced grip or higher flexibility."

-EXCERPTS FROM ARTICLE IN THE BOOK



fig. 17

Razor-wire glove

Textile designed by Dr. Young-Hwa Kim,  
manufactured by HDM Inc.

U.S.A., designed 1996, manufactured 2004

SuperFabric® composed of guard plates  
adhered to nylon base fabric