

# ENDURE<sup>TM</sup>

## VINYL



## SMARTER MATERIAL

ENDURE<sup>TM</sup> VINYL IS SEATS INCORPORATED'S NEW STANDARD VINYL OFFERING FOR ALL EMERGENCY VEHICLE SEATING. ENDURE<sup>TM</sup> VINYL HAS AN UNIQUE MATERIAL COMPOSITION THAT MAKES IT EASIER TO CLEAN AND MORE DURABLE THAN TRADITIONAL VINYLs.

## TESTS AND COMAPRISIONS

WITH OUR IN-HOUSE, INDUSTRY LEADING R&D CENTER, WE HAVE THE MEANS TO DIG DEEPER, RESEARCHING THE MATERIAL CONTAMINATION AND EASE OF CLEANING. OUR GOAL WAS TO PROVIDE FIRE DEPARTMENTS WITH REAL DATA TO SUPPORT THEIR SEAT COVER MATERIAL CHOICE AND DECONTAMINATION PROCEDURES. WE PUT OUR ENDURE<sup>TM</sup> VINYL TO THE TEST TO PROVE THAT IT IS EASIER TO CLEAN THAN TRADITIONAL OFFERINGS.



*Endure vinyl cleans better in a side-by-side comparison of materials. Sample shown was soiled with glo-germ and then cleaned with soap and water.*



*"Standard" vinyl performance. All samples were subjected to the same level of soiling and cleaned with the same soap and water to maintain a baseline for comparison.*

## PERFORMANCE

SEATS EXCLUSIVE ENDURE<sup>TM</sup> VINYL PERFORMED BETTER IN OUR TESTING THAN TRADITIONAL VINYL OFFERINGS, AS SEEN IN THE TEST PHOTOS. ENDURE IS EASIER TO CLEAN, MAKING THE DECON PROCESS FASTER AND MORE EFFECTIVE. MAINTAIN A CLEAN CAB WITH SEATS AND ENDURE<sup>TM</sup> VINYL.

To provide consistent "soiling" across all samples, GLO GERM, a black light sensitive powder, was weighed, sifted, and applied to the center of the specimen. Then, a robotic arm with a padded cloth was used to spread the GLO GERM across the surface of the specimen. The robot program included crisscrossing and swirling motions, and was cycled five times on each specimen to ensure the GLO GERM powder had opportunity to permeate the material. The cloth and lining of the robot pad was changed between specimens to prevent cross contamination.

Before cleaning, pictures were taken of each specimen under a black light in the "soiled" state. This provided another point of control during testing. Cleaning was performed manually by a single staff member to minimize variation in technique. The cleaning solution used for this test was a general soap and water mixture. Each specimen was cleaned with a fresh cloth for the same amount of time. For clear demonstration of results one side of each specimen was left untouched to provide direct comparison.