

CORDURA®
TrueLock™ Fabric

HLC
INDUSTRIES
Textile Solution Providers Since 1916

CORDURA® FABRIC AUTHORIZED SUPPLIER
TO LEARN MORE ABOUT CORDURA® TRUELOCK™ FABRIC
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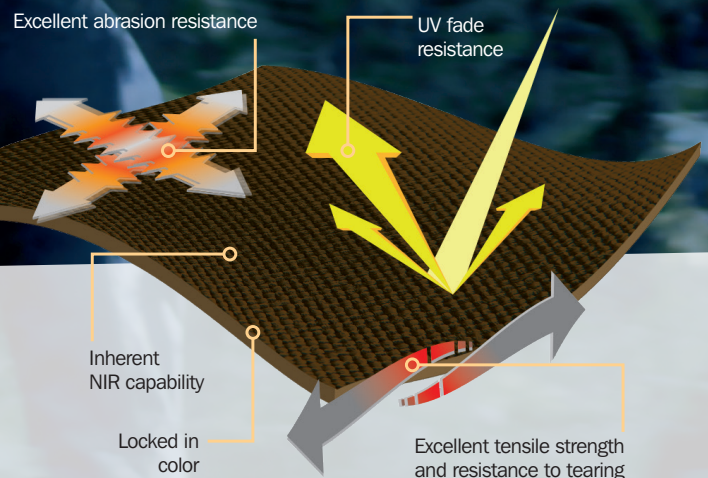
CORDURA® TRUELOCK™ FABRIC

IMPROVING SOLDIER'S STEALTH



CORDURA® Truelock™ fabrics offer best in class colorfastness and lot-to-lot shade consistency.

Available in a palette of 6 U.S. Military colors that can meet both shade and NIR (Near Infrared) requirements. CORDURA® Truelock™ fabric is constructed in a variety of substrates including broad wovens, webbings and cordage all with color/shade match consistency and inherent IR reflectance capability.



UV FADE RESISTANT



ABRASION RESISTANT



TEAR RESISTANT



IR REFLECTANCE



BUILT TO LAST

DELIVERING EXCELLENT COLOR DURABILITY

THE BENEFITS

1 UV COLOR FADE RESISTANT
Resists sunlight UV fade and strength loss
Resistant to color loss or fade after washing

2 ABRASION RESISTANT COLOR
Resists frosting

3 MULTI-COMPONENT COLOR UNIFORMITY

4 LOT-TO-LOT COLOR CONSISTENCY

5 DULL MATTE APPEARANCE
Non shiny - resists detection in daylight field conditions

6 INHERENT NIR CAPABILITY
Meets current US military NIR spectral reflectance requirements

Significant water and energy savings compared to piece dye process (saves up to 2 liters of water per meter of finished fabric)*

*Data based on 2013 independent life cycle analysis study in co-operation with authorized CORDURA® fabric producers.

NIR CAPABILITY

U.S. MARINE CORP ILBE ASSAULT PACK
CORDURA® 725D MARPAT Fabric/
CORDURA® TrueLock™ Coyote webbing

Visible illumination against snow background



IR COMPLIANT WEBBING AND BUCKLE



Night vision goggle illumination

IR PROTECTION, ENGINEERED TO RESIST CHANGE THROUGH:



WASHING

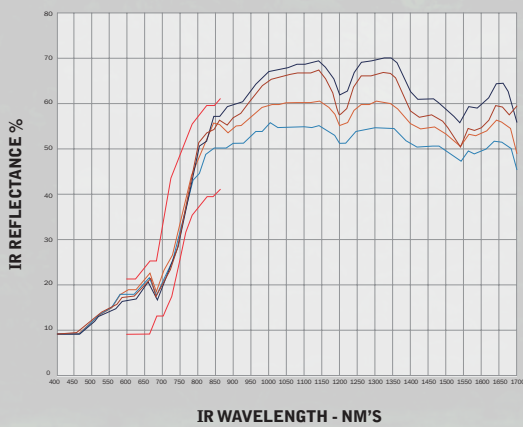


PROLONGED EXPOSURE TO UV LIGHT



REPEATED ABRASION

IR PROTECTION BUILT IN THE FABRIC
COYOTE-498 SDN SUBSTRATE COMPARISON



COYOTE-498 ACCELERATED XENON ARC EXPOSURE
(VISUAL 100-1000 AFU)

| | | | | |
|---------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| CORDURA® TrueLock™ EXPOSED | 0,120 HRS CONTINUOUS UV EXPOSURE | 0,360 HRS CONTINUOUS UV EXPOSURE | 0,720 HRS CONTINUOUS UV EXPOSURE | 1,200 HRS CONTINUOUS UV EXPOSURE |
| | COYOTE - SDN - 100 AFU | COYOTE - SDN - 300 AFU | COYOTE - SDN - 600 AFU | COYOTE - SDN - 1000 AFU |
| CORDURA® TrueLock™ NOT EXPOSED | 0,120 HRS CONTINUOUS UV EXPOSURE | 0,360 HRS CONTINUOUS UV EXPOSURE | 0,720 HRS CONTINUOUS UV EXPOSURE | 1,200 HRS CONTINUOUS UV EXPOSURE |
| | COYOTE - PD - 100 AFU | COYOTE - PD - 300 AFU | COYOTE - PD - 600 AFU | COYOTE - PD - 1000 AFU |

*Tested per AATCC-16E • Testing Conducted 2016 • 1 AFU = 1.2 Hours of accelerated Xenon Arc exposure

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