



FOR THE ULTIMATE COMBAT UNIFORM

CORDURA[®]
BRAND
NYCO
F A B R I C

DoD photo by Cpl. Brian M. Henner, U.S. Marine Corps.

PROTECTION. DURABILITY. COMFORT. THEY NEVER GO OUT OF STYLE.

Today's warfighter is equipped with the highest technology known to man. An integral part of that arsenal is a uniform made of CORDURA[®] NYCO fabrics. CORDURA[®] NYCO fabrics consistently offer the durability, protection and comfort our warfighters need and deserve.

DURABILITY

What makes CORDURA[®] NYCO fabrics so tough? INVISTA's T420 nylon 6,6 fiber. It's specifically engineered to be blended with cotton for high durability.

- CORDURA[®] NYCO fabric is almost 2 times more abrasion resistant than 50/50 poly/cotton blends and 4 times more abrasion resistant than 100% cotton.
- CORDURA[®] NYCO fabric is over 20% stronger than both 50/50 poly cotton and 100% cotton blends.

COMFORT AND MOISTURE MANAGEMENT

CORDURA[®] NYCO fabrics aren't just tough and protective, they're made to feel good and keep the body comfortable. Much stronger than cotton, they offer the same air permeability.

- Thanks to INVISTA's T420 fiber technology, moisture is rapidly transported away from the skin and across a greater surface area that means faster absorption and wicking.
- With less cotton to dry, nylon/cotton blends will dry faster than 100% cotton fabrics.

NEAR INFRARED REFLECTANCE (NIR) PERFORMANCE

- CORDURA[®] NYCO fabrics meet US military standards of NIR protection without additional treatments.

THERMAL PERFORMANCE

- CORDURA[®] NYCO fabric exhibits no melt/ no drip performance when tested under vertical flame or TPP.
- It has higher ignition resistance than untreated 100% cotton and poly cotton.

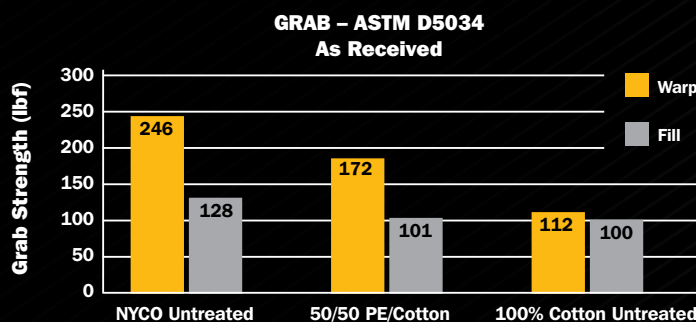
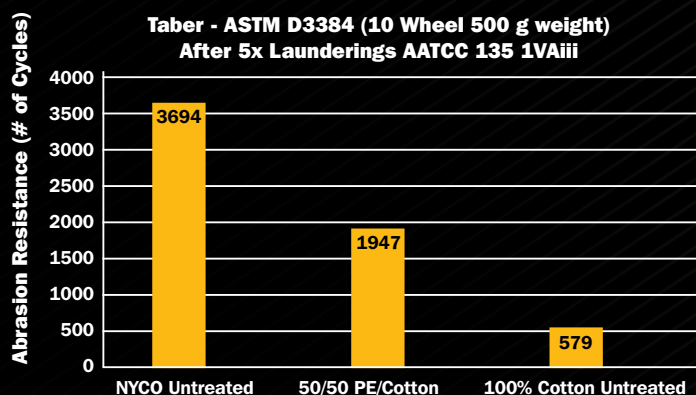
LIFE CYCLE SAVINGS

The enhanced durability of CORDURA[®] NYCO fabrics increases the life of the garment which reduces long term costs.

- Combat uniforms made with CORDURA[®] NYCO fabric in a light weight construction, were found to last 3 to 4 times longer than comparable 100% cotton uniforms during US Military field trials in 1991.
- The development of the Desert Combat Uniform and Hot Weather Battle Dress Uniform with CORDURA[®] NYCO fabric by the Natick Soldier Center and adoption by the U.S. Army in 1992 resulted in \$155 million savings in life cycles costs.

Durable, comfortable, cost effective and versatile in all climatic conditions, CORDURA[®] NYCO fabrics are specially designed to create combat uniforms that can stand up to the rigorous physical demands our warfighters face.

For more information call 1-800-577-3733, email CORDURA@INVISTA.com or visit www.CORDURA.com



Test Method	Material Behavior
Vertical Flammability	ASTM 6413-99 No Melt/No Drip
Thermal Protective Performance (TPP)*	As cited in NFPA 2112 No Melt/No Drip

THERMAL EVALUATION OF 50/50 CORDURA[®] NYCO FABRICS

*Exposure reaches point where 2nd degree burn occurs.

