

CORDURA[®]
BRAND
classic
F A B R I C



U.S. Marine Corps photo by Staff Sgt. Ezekiel R. Kitandwe

TOUGH. DURABLE. DEPENDABLE.



U.S. Army photo by Spc. Kristina Truluck



CORDURA® Brand Fabric and Webbing

The Essential Ingredients for Rugged Durability in Military Combat Equipment



CORDURA® brand fabrics and webbings are used extensively in military combat gear, including load carriage equipment, boots, body armor covers, knee/elbow pads and other similar items where enhanced durability is required. They are engineered to deliver exceptional resistance to abrasion, tears, and tensile failures, which helps provide security and protection for warfighters and their vital equipment.

CORDURA® Classic Fabric and Webbing

Rugged durability with more than 40 years of proven performance on the battlefield

- Resistant to abrasion, puncture and tears
- Meets or exceeds military fabric specifications (MIL-DTL-32439)
- Available in piece-dyed solid shades or camouflage printed patterns
- Polyurethane coated for water resistance - compatible with flame retardant back coatings
- Range of fabric weights and constructions (330-denier to 1000-denier) offering reduced weight options without sacrificing durability or performance
- Resistant to sunlight UV fade and strength loss
- Used in narrow webbing and braided cordage to help reduce buckle slippage



CORDURA® Classic Fabric Nominal Property Comparisons

Property	Units	ASTM Test Method	MIL-DTL 32439 Type I	CORDURA® 1000D	MIL-DTL 32439 Type II	CORDURA® 750D	MIL-DTL 32439 Type III	CORDURA® 500D	MIL-DTL 32439 Type IV	CORDURA® 330D
Yarn Description	denier		1000	1000	725	725	500	500	330	330
Fabric Construction	W x F-ends/in	D-3775	35" x 28" min	36" x 28"	41" x 36" min	42" x 36"	48" x 35" min	50" x 36"	58" x 38" min	62" x 38"
PU Coated Weight	oz / yd ²	D-3776	11 - 12	11.5	9 - 10	9.5	7 - 8	7.0	6 max	5.8
Uncoated Weight	oz / yd ²	D-3776	8.5 - 9.5	9.2	6.5 - 7.5	8.0	6 - 7	6.0	5.5 max	5.2
Grab Strength	W x F - lbs	D-5034	500 x 300	615 x 480	450 x 280	598 x 492	300 x 225	430 x 310	200 x 155	310 x 215
Tear Strength	W x F - lbs	D-1424	N/A	70 x 68	N/A	67 x 70	N/A	29 x 30	N/A	25" x 24"
Abrasion Resistance	cycles to failure	D-3884	N/A	710	N/A	894	N/A	519	N/A	550

This information is based on typical results of samples taken from certain lots or batches of this type of product, as determined at its origin point. THIS INFORMATION DOES NOT CONSTITUTE A REPRESENTATION, WARRANTY OR GUARANTY WITH REGARD TO A PRODUCT'S USES, MERCHANTABILITY, PARTICULAR PURPOSE, OR THE SUITABILITY, SAFETY, EFFICACY, HAZARDS OR HEALTH EFFECTS OF THE PRODUCT, WHETHER USED SINGULARLY OR IN COMBINATION WITH ANY OTHER PRODUCT.

Solution-Dyed CORDURA® Classic Fabric and Webbing

Same proven performance as CORDURA® Classic fabric and webbing with enhanced benefits

- Available in solid shades (standard U.S. military or custom colors) and camouflage patterns with built-in IR signature reduction for improved concealment
- Dull-matte luster that reduces shine and light reflectance
- Excellent shade match – webbing to webbing, webbing to fabric, fabric to fabric and warfighter to warfighter
- Superb colorfastness and lot-to-lot color uniformity compared with piece-dyed fabric
- Enhanced resistance to sunlight UV fade and strength loss which can extend product life and reduce replacement costs
- Dyeing process uses less water and energy compared to piece-dyed fabric

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

Solution-Dyed CORDURA® Fabric IR Reflectance

