

Quality

MTNXATY500-PA6-IRR-PU

Fabric Weight	280gsm +/-10%
Composition	500D f144 x 500D f144 (20 X 13 e/p/in) Nylon PA6 HT Nylon Oxford
Finish	IRR Dyed, PU Coated, DWR
Useable Width	150cm
Application	Military, Workwear

Physical Properties

	Warp	Weft
Tensile Strength (BS EN ISO 1421:2016)	>2500N	>2500N
Tear Strength (BS EN ISO 3424-5 Method 5)	>350N	>350N

	As Received	After Wash
Abrasion Resistance (BS EN ISO 12947-2:2016)	NA	NA
Dimensional Stability (BS EN ISO 6330)	<3%	<3%
Spray Rating (BS EN ISO 24920) After 5 x 40C Washes	5	3
Water Vapour Resistance RET (BS EN ISO 11092)	NA	NA
Resistance to Water Penetration (BS EN ISO 20811) After 5 x 40C Washes	1000mm	350mm
Colour Fastness		
Light Fastness (BS EN ISO 105 B02)	5-6	NA
Colour Fastness to Water (BS EN ISO 105-E01:2013)	NA	NA
Perspiration Fastness Acid/Alkaline (BS EN ISO 105 E04) Colour Change & Staining	4-4 4-4	
Wash Fastness (BS EN ISO 105 C06:2010) Method A2S3 Colour Change & Staining	4-4	
Rub Fastness Wet/Dry (BS EN ISO 105-X12:1995) Colour Change & Staining	Wet 4-4	Dry 4-4

Other Properties

IRR Value (As Required)	PASS
Blocking (AATCCD 75100) 3 Max, 180F, 30 min	PASS

The information contained in this product datasheet is based on results obtained from the sample assessed, following the method provided. The values are a guide for purchasers of the fabric to evaluate and determine its suitability for their product's intended end use.