

Quality MTNXATY500-PA6-FRPU

Fabric Weight	9 oz (ASTM Standard)
Composition	500D x 500D (58 X 38 e/p/in) 500D PA6 HT Nylon Oxford
Finish	Dyed, FRPU Pigment Coated + DWR
Useable Width	150cm
Application	Military, Workwear

Physical Properties

	Warp	Weft
Tensile Strength (ASTM D5034)	>300lbs	>225lbs
Tear Strength	NA	NA

	As Received	After 5 Washes
Abrasion Resistance (BS EN ISO 12947-2-2016)	NA	NA
Dimensional Stability (AATCC 96 Vic)	<3%	<3%
Spray Rating (AATCC 22) as Received, After 1x40C (AATCC 96 Vic)	100	80
Water Vapour Resistance RET (BS EN ISO 11092)	NA	NA
Resistance to Water Penetration (AATCC 127)	35cm	
Colour Fastness		
Light Fastness (AATCC 16) 40 Hours	4 (40 Hours)	
Colour Fastness to Water (BS EN ISO 105-E01:2013)	NA	
Perspiration Fastness Acid/Alkaline (AATCC 5) Colour Change to Staining	4-4 - 4-4	
Wash Fastness (AATCC 61 1A 3 Cycles) Colour Change to Staining	4-4	
Rub Fastness Wet/Dry (AATCC 8) Colour Change to Staining	Wet 4-4	Dry 4-4

Other Properties

Flame Resistance (ASTM D1230)	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.