

Quality

MTNXATY1000-IRR-FRPU

Fabric Weight	350gsm +/- 5%
Composition	1000D x 1000D (13 X 11 e/p/in) Nylon PA6 HT Nylon Oxford
Finish	IRR Dyed, FRPU Pigment Coated, DWR
Useable Width	150cm
Application	Military, Workwear

Physical Properties

	Warp	Weft
Tensile Strength (BS EN ISO 13934-1:2013)	>2900N	>2700N
Tear Strength (BS EN ISO 13937-3:2000)	>400N	>400N

	As Received	After Wash
Abrasion Resistance (BS EN ISO 12947-2:2016)	>60,000	NA
Dimensional Stability (BS EN ISO 6330)	<3%	<3%
Spray Rating (BS EN ISO 4920:2012) After 5 Washes at 40C	4-5	NA
Water Vapour Resistance RET (BS EN ISO 11092)	NA	NA
Resistance to Water Penetration (BS EN ISO 20811) After 5 x 40C Washes	>1000mm	NA
Colour Fastness		
Light Fastness (BS EN ISO 105-E16:2006)	>4	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	NA
Wash Fastness (BS EN ISO 105-C10:2006) 40 Degrees Colour Change & Staining	4-4	NA
Rub Fastness Wet/Dry (BS EN ISO 105-X12:1995) Colour Change & Staining	Wet 4-4	Dry 4-4

Other Properties

Flame Retardant BS EN ISO 15025:2002	PASS
Flame Retardant ASTM D1230:2010	PASS
Flame Retardant FMVSS:302	PASS
IRR As Required	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.