



Quality **MTNRATY500-PA66-IRR-FRPU**

Fabric Weight	340gsm
Composition	Nylon 6.6 ATY, 500D x 500D (18x16) 10mm Rip-Stop ANTI-STATIC (Negastat)
Finish	IRR Dyed, FRPU Pigment Coated, DWR
Useable Width	150cm
Application	Military

Physical Properties

	Warp	Weft
Tensile Strength (BS EN ISO 1421-2016)	>3000N/50mm	>2500N/50mm
Tear Strength (BS EN ISO 4674-1:2016 Method A)	>450N	>350N
Spray Rating	As Received	After 3 Washes
BS EN ISO 24920: 1992 - BS EN ISO A2S (40 Degrees 6330N Tumble Dry)	5	3

Abrasion Resistance (BS EN ISO 12947-2-2016 Martindale, Abrasive Paper P180 12Kpa)	5000
Dimensional Stability (BS EN ISO 3759:2011, ISO 6330, ISO 5077 Tumble Dry)	2.5%
pH Value (BS EN ISO 3071)	4-9
Water Vapour Resistance RET (BS EN ISO 11092)	NA
Resistance to Water Penetration (BS EN ISO 20811)	1500mm
Colour Fastness	
Light Fastness (BS EN ISO 105-B02)	4
Colour Fastness to Weathering (BS EN ISO 105-B04)	4
Colour Fastness to Water (BS EN ISO 105-E01:2013)	NA
Perspiration Fastness Acid/Alkaline (BS EN ISO 105-E04)	4
Wash Fastness (BS EN ISO 105-C06:2010) 40 Degrees	4
Rub Fastness Wet/Dry (BS EN ISO 105-X12:1995)	4

Other Properties

IRR Value (As Required)	PASS
Flame Resistance (BS EN ISO 15025-2000 Method A) As Received	PASS
Flame Resistance (BS EN ISO 15025-2000 Method A) After 5 Washes at 40 Degrees (BS EN ISO 6330)	PASS
Anti-Static (BS EN ISO 1149)	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.