




Product Name	Modacrylic FR &antistatic fabric, Anti-virus&chemical-proof	Reference Standard/ Test Method
Product Code	M-TSHM-001-LN	
Width Cuttable	145cm (+2/-1cm)	ISO 22198:2006
Gram Weight	285gsm (±5)	ISO 3801:1978
Fibre Composition	Modacrylic/FR fiber/Carbon	
Colour	Navy	
Finishing	Anti-chemical finish	
Dimensional Changes	≤3%	ISO 5077:2007 After 5 *Cleaning Cycles at 40°C
Formaldehyde Content (mg/kg)	Not Detectable	ISO 14184.1:2011
pH Value	6.5	ISO 3701:2005
Colour Fastness to Washing	4-5	ISO 105-C06:2010
Colour Fastness to Perspiration	4-5	ISO 105-E04:2013
Colour Fastness to Rubbing	4-5 (Dry Staining)	ISO 105-X12:2016
Colour Fastness to Rubbing	4-5 (Wet Staining)	ISO 105-X12:2016
Colour Fastness to Light	4-5	ISO 105-B02:2014
Tear Strength	Warp: > 38N, Weft: > 33N	GB 3917.3
Breaking Strength	Warp: > 700N, Weft: > 550N	GB 3923.1-2003
Permeability	≥3000 g/(m <sup>2</sup> ·24h)	GB 12704-1991 Method A
Water Repellency	100	AATCC-22
Hydrostatic Pressure	≥10000mmH <sub>2</sub> O	ISO 811
Chemical Liquid Resistance	Pass	EN13034
Electrostatic Resistance	Compliant (Half Decay Time)	EN 1149-3:2004
Flame retardant	Afterflame time:0.5s Afterglow time:0.5s Carbon length: 90mm	GB 8965
Wash Recommendations		EN ISO 6330:2013, 4N 40°C

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*All the data listed in the above table are either individual test results or the most typical indicative parameters to the best of our knowledge. Owing to existence of possible variation or deviation from case to case, the data and information shown in the table is only for your reference. However, Synertex Material Technology assumes no liability for the accuracy or completeness of the information.*