


TECHNICAL DATA SHEET MARK/THUNDER

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| FABRIC DETAILS | | | |
|---------------------------|---|---------------|--------|
| Composition: | Wool / Viscose / Polyester 4% / 12% / 84% | | |
| Weight g/m: | 365 g/m | Width: | 150 cm |
| Weight g/m ² : | 243 g/m ² | Usable width: | 147 cm |
| Weave: | Twill | Density: | - |
| | | WARP | WEFT |
| Yarn count: | - | | - |

| COLOUR FASTNESS | | REFERENCE | COLOR CHANGE | STAIN | | | | | |
|-------------------------|---------|------------------|-----------------------|-----------------------------|-----|-----------------------------|------|-----|-----|
| | | | | A | C | N | P | AC | W |
| To washing: | | ISO 105-C06:2010 | - | - | - | - | - | - | - |
| To dry cleaning: | | ISO 105-D01:2010 | - | - | - | - | - | - | - |
| To perspiration: | Acid | ISO 105-E04:2013 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 |
| | Alcalic | ISO 105-E04:2013 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 |
| | | | | WARP | | | WEFT | | |
| To dry rubbing: | | ISO 105-X12:2016 | | 4-5 | | | 4-5 | | |
| To wet rubbing: | | ISO 105-X12:2016 | | 4 | | | 4 | | |
| | | | COLOUR CHANGE AT ONCE | COLOUR CHANGE AFTER 4 HOURS | | STAINING ON COTTON ADJACENT | | | |
| To hot pressing | Dry | ISO 105-X11:1994 | - | - | | | | | |
| | Damp | ISO 105-X11:1994 | - | - | | | | | |
| | Wet | ISO 105-X11:1994 | - | - | | | | | |
| To non-chlorine bleach: | | AATCC TS-001 | | - | | | | | |
| To light: | | ISO 105-B02:2014 | | 3-4 | | | | | |

A - acetate C - cotton N - nylon P - polyester AC - acrylic W - wool

| CARE INSTRUCTION | | REFERENCE | COLOR | PILING | DEFECTS | CONCLUSION |
|--------------------------------|--------------------|--|-------|--------|------------|---------------------------------|
| Appearance after washing: | After one wash | ISO 6330:2012 | - | - | No defects | General appearance satisfactory |
| | After three washes | ISO 6330:2012 | - | - | No defects | General appearance satisfactory |
| Appearance after dry cleaning: | | ISO 3175-2:2010 | - | - | No defects | General appearance satisfactory |
| Care pictograms: | |  | | | | |

| PACKING | | | |
|--------------|--------|-----------|---|
| Roll length: | ~ 50 m | Wrapping: | Carton tubes inside, polybags & woven bags outside; each packing layer labelled |

| | |
|------------------|------------|
| HS customs code: | 5515119000 |
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| PHYSICAL PROPERTIES | | REFERENCE | WARP | | | | WEFT | | | |
|--|-------------------------------|---|------------|-----|-----------|------------|-----------|------|------------|--|
| Seam slippage: | Seam opening at 6mm | ISO 13936-1:2004 | - | | | | - | | | |
| | Seam strenght | ISO 13936-1:2004 | - | | | | - | | | |
| Dimensional stability to washing: | | ISO 3758:2011/ISO 5077:2007/ISO 6330:2012 | - | | | | - | | | |
| Dimensional stability to dry cleaning: | | ISO 3175-2:2010 | - | | | | - | | | |
| Dimensional stability to steam: | | ISO 3005:1978 | - | | | | - | | | |
| Tear strenght: | | ISO 13937-2:2000 | - | | | | - | | | |
| Tensile strenght: | | ISO 13934-2:2014 | - | | | | - | | | |
| Elongation: | | ISO 13934-2:2014 | - | | | | - | | | |
| | | | CYCLES | | | | | | | |
| | | | 125 | 500 | 1000 | 2000 | 5000 | 7000 | 10800 | |
| Pilling: | | ISO 12945-2:2000 | - | - | - | - | - | - | - | |
| | | | Elongation | | UN (1min) | UN (30min) | RE (1min) | | RE (30min) | |
| Stretch properties: | Warp | EN14704-1:2005 | - | - | - | - | - | - | - | |
| | Weft | EN14704-1:2005 | - | - | - | - | - | - | - | |
| | Length - specified load | EN14704-1:2005 | - | - | - | - | - | - | - | |
| | Width - specified load | EN14704-1:2005 | - | - | - | - | - | - | - | |
| | Length - specified elongation | EN14704-1:2005 | | - | - | - | - | - | - | |
| | Width - specified elongation | EN14704-1:2005 | | - | - | - | - | - | - | |
| Spirality: | After drycleaning | ISO 3175-2:2010 | - | | | | | | | |
| | After laundering | ISO 16322-2:2005 | - | | | | | | | |
| Abrasion resistance: | | ISO 12947-2:2016 | - | | | | | | | |

FB - Fabric Borken STB - Sewing Thread Broken FBS - Fabric Broken at Seam YPO - Yarn Pull Out UN - Unrecovered Elongation RE - Recovered Elongation
X - The Seam Opening was less than 6mm, though the ultimate steam strenght was founded as stated Cross Tear - means the force does not proceed along the direction of force