

## 4.5 Outerwear

### Coats and jackets

Yarn & Fibre properties			Requirements
ISO 1833 (1977) / BS 4407	Fabric composition	M	100%: no tolerance Blend: +/- 3%
ISO 2060 ISO 7211-5 (1984) meth A	Yarn Count	M	+/- 5%
ISO 7211-2 (1984)	Fabric construction/ Threads per inch	M	+/- 5%
<b>Compulsory tests</b>			
ISO 6330 ISO 5077 (2007)	Dimensional stability to washing	M	3% max (Woven)
ISO 12945-2 (2000)	Pilling resistance/ Martindale	M	General: 4 Wool: 3-4
<b>Colour fastness</b>			
Change: ISO 105 A02 ISO 105-C08 (2002)  Staining: ISO 105 A03 ISO 105-C08 (2002)	Colour fastness to washing	M	Colour change: 4  Staining:4 Staining contrast trims: 4-5
ISO 105 - X12 (2002)	Colour fastness to rubbing	M	Dry: 4 Wet: 3-4  Prints and fade-out fabrics Dry: 3-4 Wet: 2-3
ISO 105 B02 (2002)/ BS 1006 B02	Colour fastness to light	M	Grey scale: 4-5 BSW: 4-5
<b>Tests on demand</b>			
ISO 105 - E04 (2002)	Colour fastness to perspiration	O	Colour change: 3-4 Staining: 3-4  Contrast colours garments: Staining: 4-5
ISO 105 - D01 (2010)	Colour fastness to dry-cleaning	O	Colour change: 4 Staining: 4
ISO 105 – E01 (2002)/ BS 1006 E01	Colour fastness to water	O	Colour change: 4 Staining: 4
<b>Mechanical &amp; Physical properties</b>			
ASTM D 1230-10 (2016)e1	Flammability	O	< 88 gram/m <sup>2</sup>
ISO 2960 (1974) / BS 4768 ISO 13938-1 (1999)	Bursting strength	O	> 200 gr/m <sup>2</sup> 280 kPa < 200 gr/m <sup>2</sup> 245 kPa
ISO 13936-2 (2004)	Seam slippage	O	7 kg. (S.O. 6 mm)
ISO 13934-2 (1999)	Tensile strength	O	> 200 gr/m <sup>2</sup> 120N < 200 gr/m <sup>2</sup> 100N
ISO 13935-2 (1999)	Seam strength	O	> 200 gr/m <sup>2</sup> 100N < 200 gr/m <sup>2</sup> 80N
ISO13937-1 (2000) Elmendorf	Tear strength	O	> 200 gr/m <sup>2</sup> 16N < 200 gr/m <sup>2</sup> 11N Wool: 10N

ISO 29865 (1993) (Bundesmann)	Water repellency/ Surface wetting	O	Rain resistant: 0-10 cc penetration Shower resistant: 10-50 cc penetration
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**M= Mandatory / O= Optional (only on request of Wehkamp)**