

# minimum fabric requirement

testing standard	method	blouse, dress, nightwear	skirt / trouser	jacket / coat	jersey (shirt)	knitwear	lining	underwear	swimwear
<b>A. care instruction</b>	EN ISO 3758	washing chlorine tumble ironing dry clean / wet clean							
<b>B. dimension stability</b>		warp / weft	warp / weft	warp / weft	length / width	length / width	warp / weft	length / width	length / width
steaming	DIN 53894 / T2	+/- 1% / - 2 %	+/- 1% / - 2 %	+/- 1% / - 2 %	- 3% / - 3 %	- 4% / - 4 %	+/- 1% / - 2 %		+/- 1% / - 2 %
thermoprocessing	ISO 3005 DIN 54311	- 1,5% / -1,5 %	- 1,5% / -1,5 %	- 1,5% / -1,5 %	- 3% / - 3 %	- 3% / - 3 %	- 1,5% / -1,5 %		
washing acc. care instruction <b>material with elasthane could have higher shrinkage</b>	ISO 5077 EN ISO 6330	- 2% / - 2 %	- 2% / - 2 %	- 2% / - 2 %	- 5% / + 2 %	- 6% / + 3 %	- 3% / - 3 %	- 2% / - 2 %	- 2% / - 2 %
dry cleaning acc. care instruction	EN ISO 3175	- 1,5 % / - 1,5 %	- 1,5 % / - 1,5 %	- 1,5 % / - 1,5 %	- 2,5 % / - 2,5 %	- 2,5 % / - 2,5 %	- 1,5 % / - 1,5 %	- 1,5 % / - 1,5 %	- 1,5 % / - 1,5 %
<b>C. physicals</b>	<b>1 = bad result</b>	<b>5 = best result</b>							
burst power	EN ISO 13938-2	nightwear:200 kPa ( 7,3 q/cm)			200 kPa ( 7,3 q/cm)	200 kPa ( 7,3 q/cm)	200 kPa ( 7,3 q/cm)	200 kPa ( 7,3 q/cm)	200 kPa ( 7,3 q/cm)
tensile strength	EN ISO 13934-1	22 daN	loose fit: 25 daN tight fit: 30 daN	20 daN			22 daN	22 daN	22 daN
tensile strength ( Grab)	EN ISO 13934-2	15 daN	loose fit: 18 daN tight fit: 20 daN	15 daN			15 daN	15 daN	15 daN
seam slippage / strength mm / daN	EN ISO 13936-1	4mm / 12 daN	loose fit: 4 / 14 tight fit: 4 / 16	4mm / 12 daN			4mm / 12 daN	4mm / 12 daN	4mm / 14 daN
seam slippage / strength daN / mm	EN ISO 13936-2	6 daN / 2 mm	loose fit: 12 / 3 tight fit: 12 / 2	12 daN / 3 mm			6 daN / 3 mm	6 daN / 2 mm	6 daN / 2 mm
crease recovery	ISO 2313	110 ° - 120°	110 ° - 120°	110 ° - 120°			110 ° - 120°		
crease recovery	ISO 9867	4	4	4			4		
abrasion resistance 9 kPa <b>velvet + cord: 5.000 rotations</b>	EN ISO 12947-2	12.000 rotations  nightwear: 10.000 rotations	20.000 rotations	16.000 rotations	8.000 rotations	8.000 rotations	10.000 rotations	10.000 rotations	20.000 rotations
<b>pilling tendency ( Martindale)</b>	EN ISO 12945-2								
125 rotations	GO = flat surface	GO=4 RO=3-4 MW=3-4	GO=4 RO=3-4 MW=3-4	GO=4 RO=3-4 MW=3-4	MW=3-4	MW=3-4	4	GO=4 RO=3-4 MW=3-4	4
500 rotations	RO = rough surface	GO=4 RO=3 MW=3	GO=4 RO=3 MW=3	GO=4 RO=3 MW=3	MW=3	MW=3	4	GO=4 RO=3 MW=3	4
1000 rotations	MW = knitwear	GO=4 RO=2-3 MW=2-3	GO=4 RO=2-3 MW=2-3	GO=4 RO=2-3 MW=2-3	MW=2-3	MW=2-3	4	GO=4 RO=2-3 MW=2-3	4
2000 rotations		GO=4	GO=4	GO=4			4	GO=4	4
pilling tendency	ICI-method		No information about international standards						

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<b>D. colourfastness</b>	EN ISO 105-A01 bis A03								
washing acc. care instruction	EN ISO 105-C06, C-08, C09	4	4	4	4	4	3 - 4	4	4
dry cleaning acc. care instruction	EN ISO 105-D01	4	4	4	4	4	4	4	4
ironing acc. care instruction	EN ISO 105-X11	4	4	4	4	4	4	4	4
light fastness <b>except silk: 3-4</b>	EN ISO 105-B02, B04	5	5	5	5	5	4	5	5
Perspiration acid / alkaline	EN ISO 105-E04	4	4	4	4	4	3 - 4	4	4
rubbing dry / wet <b>dark colours, velvet, denim = dry: 3, wet: 2</b>	EN ISO 105-X12	4 / 3-4	4 / 3-4	4 / 3-4	4 / 3-4	4 / 3-4	4 / 3-4	4 / 3-4	4 / 3-4
<b>sea-water fastness</b>	EN ISO 105 E02								Colour deviation = 4 / bleeding = 4
<b>chlorine fastness</b>	EN ISO 105 E03								Colour deviation = 4
<b>E. colours</b>									
lot to lot	DIN 147 (CIELab)	max. $\Delta E$ 1,2	max. $\Delta E$ 1,2	max. $\Delta E$ 1,2	max. $\Delta E$ 1,2	max. $\Delta E$ 1,2	max. $\Delta E$ 1,2		
different from selvage to selvage, from beginning to end of a roll, among a lot	DIN 147 (CIELab)	max. $\Delta E$ 0,5	max. $\Delta E$ 0,5	max. $\Delta E$ 0,5	max. $\Delta E$ 0,5	max. $\Delta E$ 0,5	max. $\Delta E$ 0,5		