

SAFEGUARDS

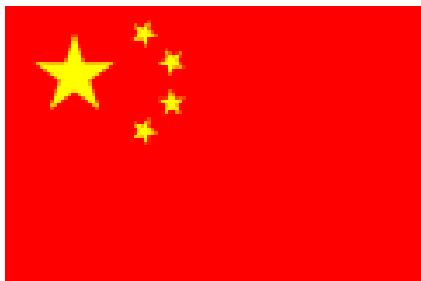
SGS CONSUMER TESTING SERVICES

SOFTLINES

NO. 198/11 NOVEMBER 2011

NEW PRODUCT STANDARD FOR KNITTED FIBRE FILLED GARMENT AND PATCHWORK CLOTHING IN CHINA

The General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China, Standardization Administration of the People's Republic of China has launched standard GB/T 26384-2011 for knitted fibre filled garments and GB/T 26385-2011 for knitted patchwork clothing. They were implemented on 15th September, 2011.



SCOPE:

GB/T 26384 is applied on the fibre filled garments which are defined as knitted shells with filling of different fibers.

GB/T 26385 is applied on patchwork clothing in which the main shell material is knitted fabric.

STANDARD:

There are three quality grades: High Grade, 1st Grade and Qualified Grade in both new standards. The following tables summarize the quality test items.

The logo for SGS, consisting of the letters 'SGS' in a bold, sans-serif font, with a vertical line to the right and a horizontal line below.

GB/T 26384 – Knitted Fibre Filled Garments—Quality requirement

Test item		High Grade	1 st Grade	Qualified Grade
Pilling resistance/grade	≥	4	3	3
Washing shrinkage/%	Lengthwise	-4.0 ~ +2.0	-5.5 ~ +3.0	-6.5 ~ +3.0
	widthwise	-4.0 ~ +2.0	-5.5 ~ +3.0	-6.5 ~ +3.0
Drycleaning shrinkage/%	Lengthwise	-1.0 ~ +1.0	-1.5 ~ +1.5	-2.0 ~ +2.0
	widthwise	-1.0 ~ +1.0	-1.5 ~ +1.5	-2.0 ~ +2.0
Colorfastness to washing	Color change ≥	4	3-4	3
	Color staining ≥	4	3-4	3
Colorfastness to washing (for print)	Color change ≥	3-4	3	3
	Color staining ≥	3-4	3	3
Colorfastness to drycleaning	Color change ≥	4-5	4	3-4
	Color staining ≥	4-5	4	3-4
Colorfastness to perspiration	Color change ≥	4	3-4	3
	Color staining ≥	4	3	3
Colorfastness to water	Color change ≥	4	3-4	3
	Color staining ≥	4	3	3
Colorfastness to rubbing	Dry staining ≥	4	3-4	3
	Wet staining ≥	3-4 (dark 3)	3 (dark 2-3)	3 (dark 2)
Colorfastness to rubbing (for print)	Dry staining ≥	3-4	3	3
	Wet staining ≥	3	2-3	2-3 (dark 2)
Colorfastness to light	Dark color, Color change ≥	4-5	4	3-4
	Light color, Color change ≥	4	3	3
Appearance after laundering		Color staining and self staining not lower than grade 4 Printing/coating part: no bubbling, nor removal or breakage No significant shape distortion nor crinkle Embroidery: no significant crinkle, nor loosen Applique: no removal		
Filling material quality		Follow GB 18383-2007 section 4		
Fibre content/%		Follow FZ/T 01053		
pH value		Follow GB 18401 requirement		
Odour				
Formaldehyde content/ (mg/kg)				
Decomposable carcinogenic aromatic amines/ (mg/kg)				

GB/T 26385 – Knitted Patchwork Clothing—Quality requirement

Test item		High Grade	1 st Grade	Qualified Grade
Bursting strength/N	≥	140		
Seam slippage/cm	≤	0.5	0.6	0.6
Seam strength at backrise seam/N	≥	140		
Pilling resistance/grade	≥	3-4	3	3
Washing shrinkage/%	Lengthwise	-4.0 ~ +2.0	-5.5 ~ +3.0	-6.5 ~ +3.0
	widthwise	-4.0 ~ +2.0	-5.5 ~ +3.0	-6.5 ~ +3.0
Drycleaning shrinkage/%	Lengthwise	-1.5		
	widthwise	-1.5		
Skewing after laundering/%	≤ top	5.0	6.0	7.0
	≤ trousers (dress)	1.5	2.5	3.5
Colorfastness to washing	Color change ≥	4	3-4	3
	Color staining ≥	4	3	3
Colorfastness to washing (for print)	Color change ≥	3-4	3	3
	Color staining ≥	3-4	3	3
Colorfastness to drycleaning	Color change ≥	4-5	4	3-4
	Color staining ≥	4-5	4	3-4
Colorfastness to perspiration	Color change ≥	4	3-4	3
	Color staining ≥	4	3	3
Colorfastness to water	Color change ≥	4	3-4	3
	Color staining ≥	4	3	3
Colorfastness to rubbing	Dry staining ≥	4	3-4	3
	Wet staining ≥	3	3 (dark 2-3)	2-3 (dark 2)
Colorfastness to rubbing (for print)	Dry staining ≥	3-4	3	3
	Wet staining ≥	3-4	3	3 (dark 2-3)
Colorfastness to light	Dark color, Color change ≥	4-5	4	3-4
	Light color, Color change ≥	4	3	3
Colorfastness to light and perspiration	Color change ≥	3-4	3	2-3
Colorfastness to saliva	Color change ≥	4-5	4	4
	Color staining ≥	4-5	4	4
Cross staining in patchwork/grade	≥	4	3-4	3
Appearance after laundering on the patchwork seam		Overall garment appearance will not be affected by the crinkle effect		
Fibre content/%		Follow FZ/T 01053		
pH value		Follow GB 18401 requirement		
Odour				
Formaldehyde content/ (mg/kg)				
Decomposable carcinogenic aromatic amines/ (mg/kg)				

ARE YOU UNSURE OF WHICH GB STANDARD(S) APPLIES TO YOUR PRODUCTS?

SGS can help you to determine which GB standard would apply to your product by using the given information such as fibre content, fabric construction, end use and style.

Throughout our global network, SGS offers consultation and comprehensive testing services covering the full spectrum of international product safety and regulatory standards for a wide range of consumer products. To know more about our services, please visit our website.

Source: <http://www.sac.gov.cn/qjbzgg/201106/> (Chinese)

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WHEN YOU NEED TO BE SURE

