

# SAFEGUARDS

## CONSUMER GOODS AND RETAIL

SOFTLINES

NO. 173/13 SEPTEMBER 2013

## THREE NEW OR UPDATED PRODUCT STANDARDS ON WOVEN GARMENTS IN CHINA

A new standard, FZ/T 81017-2012 "Suits with no fusible interlining" and two updated standards, FZ/T 81007-2012 "Casual wear" and FZ/T 81004-2012 "Dress and lady suit" have been updated from the 2003 versions. All three standards became effective on 1 June 2013. The standards were proposed by the China Textile Industry Association and are under centralized management by the technical committee of China Garment Standardization Administration. There are many differences between the new version and the previous edition, therefore it is critical that products meet the new requirements. If a product labeled according to the new/ updated standard fails to meet the new requirements when the authority spot-checks the product quality in the market, the brand may be asked to stop selling the product, may be given a fine and may have this exposed to the media.

Comparison information for updated standards and highlights of the new standards are listed below.

### TECHNICAL DIFFERENCES BETWEEN FZ/T 81007-2012 AND FZ/T 81007-2003

1. The updated standard (2012 version) is applicable to casual wear which are made of textile woven fabrics. It is not applicable to garments for infant 36 months and younger.
2. Normative references were added.
3. GB 18401 requirements were added to instruction for use of finished products
4. GB/T 1335.3 sizing information was added.
5. Quality requirements for lining of clothes, buttons, zippers, and accessories were added.
6. Tolerance for warp and weft skewness in trousers was changed from 1.5% to 3%.
7. Tolerance of strop and grid matching for the middle line in trousers was changed from 1.0cm to 0.8cm.
8. Requirements for colour difference resulting from fusible interlining were eliminated.
9. Tolerance for appearance defects is stricter in the updated standard than in the previous standard.
10. Two types of light-base threads, thin thread and thick thread were defined with their own requirements.



<sup>1</sup> FZ/T 81007-2012 Casual wear

<sup>2</sup> FZ/T 81007-2003 Casual wear

<sup>3</sup> FZ/T 81004-2012 Dress and lady suit

<sup>4</sup> FZ/T 81004-2003 Skirts and Skirted Suit

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11. Tolerance of size specifications for waistlines was changed from  $\pm 1.5\text{cm}$  to  $\pm 1.0\text{cm}$ .
12. Requirements for colour fastness to water, perspiration, as well as cross staining for lining have been added. Additional requirements cover, odour, Azo dyes and appearance after washing and drying. Modifications were made to the requirements for colour fastness to wet rubbing for shell, tolerance for colour fastness for shell, requirements for seam slippage of main parts for finished products, the requirements for formaldehyde and pH value.
13. Pilling test method was modified and the grading method using pilling photos was cancelled.
14. Inspection classification of finished products has been modified.
15. Evaluation criterion of quality defects have been changed.
16. Test load for fabric weighing below  $52\text{g/m}^2$  has been added.

#### TECHNICAL DIFFERENCES BETWEEN FZ/T 81004-2012 AND FZ/T 81004-2003

1. The updated standard is applicable to skirts, dresses and lady's suits made of textile woven fabrics. It is not applicable to garments for infants 36 months or younger.
2. Normative references were added.
3. GB 18401 requirements for instruction for used of finished products were added.
4. Requirements for buttons, zippers, and accessories were added.
5. The requirements for skewness for warp and weft directions were modified and the skewness requirements for collars were deleted.
6. Strip and grid matching requirements for long and short sleeves were merged into one requirement for sleeves.
7. Requirements for colour differences resulting from fusible interlining were deleted.
8. Requirement for appearance defects were modified.
9. Two types of light-base threads, thin thread and thick thread were defined with their own requirements.
10. Requirements for colour fastness to water, perspiration, as well as cross staining for lining have been added. Additional requirements cover odour, Azo dyes and appearance after washing and drying. Modifications were made to the requirements for colour fastness to wet rubbing for shell, tolerance for colour fastness for shell, requirements for seam slippage of main parts for finished products, the requirements for formaldehyde and pH value.
11. Pilling test method was modified and the grading method using pilling photos was cancelled.
12. Inspection classification of finished products has been modified.
13. Evaluation criteria of quality defects have been changed.
14. Test load for fabric weighing below  $52\text{g/m}^2$  has been added.



#### FZ/T 81017-2012 "SUITS WITH NO FUSIBLE INTERLINING"

FZ/T 81017-2012 "Suits with no fusible interlining" is a new product standard, and it is applicable to suits with no fusible interlining made from wool, wool-blends or wool-like woven fabrics. Affected suits are those without fusible interlining in the front body and facing (excluding small parts that need to be reinforced, such as collar, vent, dart point, pocket opening, front edge, etc). The internal quality and appearance quality testing includes the following:

- Whole garment: fibre content, formaldehyde, pH value, Azo dyes, odour, dimensional stability after dry cleaning, crinkle degree after dry cleaning, seam properties,
- Shell: colour fastness to dry cleaning, colour fastness to water, colour fastness to dry rubbing, colour fastness to light, pilling, and tear strength,

- Lining: colour fastness to dry cleaning, colour fastness to water and colour fastness to dry rubbing
- Decorative parts and embroidery threads: colour fastness to dry cleaning.

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