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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 31900-2015

Woven children's clothing

机织儿童服装

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Foreword

GB/T 31900-2015 was issued on 11 September 2015 by the General Administration of Quality Supervision, Inspection and Quarantine and the Standardization Administration of the People's Republic of China, and has been in force since 1 September 2016.

The document is a recommended national standard: the /T in the designation marks it as recommended rather than compulsory.

1 Scope

China's national standard for woven children's clothing. Children's clothing carries requirements no adult garment does, and they come from how children behave rather than from how the garment is made. Cords and drawstrings are the first: a drawstring at the neck

of a child's coat catches on playground equipment and on car doors, and the standard therefore refers to the dedicated cord safety standards rather than treating them as trimming. Sharp points and edges on buttons, zips and accessories are the second, because a child puts a garment in its mouth and lies on it. Beyond safety the requirements are the ordinary ones of tailoring judged more strictly - colour fastness including to saliva and perspiration, dimensional change after washing, the matching of stripes and checks, and the permitted appearance defects by zone of the garment. It applies to children's clothing made principally of woven textile fabric and not to garments for infants of 36 months and under.

This standard specifies the requirements, the inspection methods and the inspection classification rules for woven children's clothing, together with the marking, packaging, transport and storage and all other technical characteristics.

This standard applies to children's clothing produced with woven textile fabric as the principal face fabric.

This standard does not apply to garments for infants aged 36 months and under.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

GB/T 250 Textiles - Tests for colour fastness - Grey scale for assessing change in colour

GB/T 251 Textiles - Tests for colour fastness - Grey scale for assessing staining

GB/T 1335 (all parts) Standard sizing systems for garments

GB/T 3917.2 Textiles - Tear properties of fabrics - Part 2: Determination of tear force of trouser-shaped test specimens

GB/T 3921-2008 Textiles - Tests for colour fastness - Colour fastness to washing with soap or soap and soda

GB/T 4841.3 Colour cards of depth standards for dyed textiles 2/1, 1/3, 1/6, 1/12, 1/25

GB 5296.4 Instructions for use of products of consumer interest - Part 4: Textiles and apparel

GB/T 8629-2001 Textiles - Domestic washing and drying procedures for textile testing

GB/T 8630 Textiles - Determination of dimensional change in washing and drying

GB/T 18132 Silk garments

GB 18401 National general safety technical code for textile products

GB/T 21294 Physical and chemical testing methods of garment

GB/T 21295 Technical requirements for physical and chemical performance of garments

GB/T 22702 Safety specification of cords on children's upper outerwear

GB/T 22705 Safety requirements of cords and drawstrings on children's clothes

GB/T 29862 Textiles - Identification of fibre content

GB/T 31907 Measurement method of clothes

FZ/T 80002 Marking, packaging, transport and storage of garments

FZ/T 80004 Inspection rules for garments delivered from factory

FZ/T 80007.3 Test method for dry-cleaning resistance of fusible interlining garment

3.1 Instructions for use

The instructions for use shall comply with GB 5296.4.

3.2 Size designation and specifications

3.2.1 The size designation shall be set in accordance with GB/T 1335.

3.2.2 The specifications of the principal parts of the finished garment shall be designed by the manufacturer in accordance with the relevant provisions of GB/T 1335.

3.3.1 Face fabric

A face fabric meeting the quality requirements of this standard shall be selected in accordance with the relevant national textile fabric standards.

3.3.2 Lining

A lining suited to the face fabric used and meeting the quality requirements of this standard shall be used.

3.3.3.1 Interlining, shoulder pads, lace and tape

Interlining and shoulder pads, lace and woven tape suited to the dimensional change, the performance and the colour of the face fabric used shall be employed, and their quality shall comply with the provisions of this standard.

3.3.3.2 Sewing thread

Sewing thread suited to the performance and colour of the face fabric and the trimmings shall be used, and the shrinkage of the embroidery thread shall be compatible with that of the face fabric.

3.3.3.3 Buttons, zips and accessories

Buttons, zips and other accessories suited to the face fabric used shall be employed. The surface of the buttons shall be smooth and undamaged; the accessories shall be free from residual defects, sharp points and sharp edges, and after washing and pressing shall not deform, change colour, stain or rust. Zips shall engage properly and run smoothly.

3.4 Warp and weft yarn direction

The permitted skew of the back body and the sleeves shall be not greater than 3 %; the bottom edge of the front body shall not curl. The permitted skew of the trousers shall be not greater than 3 %.

3.5 Matching of stripes and checks

3.5.1 Where the face fabric has distinct stripes, or checks of 1.0 cm and above, the matching shall comply with Table 1, in centimetres. Left and right front bodies: stripes straight, checks matched across, difference not greater than 0.3; where the checks differ in size, the upper half of the garment length governs. Pocket and front body: stripes matched, checks matched, difference not greater than 0.3; a bias-cut patch pocket shall be symmetrical left and right with a difference not greater than 0.5, except on shaded checks; where the checks differ in size, the pocket front governs. Collar point and lapel: stripes matched, difference not greater than 0.2; on shaded checks the distinct stripe or check governs. Sleeves: stripes straight, checks matched across, taken at the sleeve head, the two sleeves symmetrical, difference not greater than 0.5. Back seam: stripes matched, checks matched across, difference not greater than 0.3; where the checks differ in size, the upper back governs. Side seam: checks matched across, difference below the armhole not greater than 10.0, not greater than 0.4. Trouser side seam: matched across below the mid-thigh line, difference not greater than 0.5, the distinct stripe or check governing. Trouser front crease: stripes straight, permitted skew not greater than 0.5. Front and back crotch seams: checks symmetrical, checks matched across, difference not greater than 0.4. Note: special designs are not subject to this requirement.

3.5.2 The permitted skew of the stripe and check pattern shall be not greater than 3 %.

3.5.3 On directional pile (velvet) and shaded check fabrics the direction shall be consistent throughout the garment, except where the design requires otherwise.

3.5.4 On fabrics with a special pattern the main figure governs and the direction shall be consistent throughout the garment.

3.6 Piecing

3.6.1 Piecing of children's garments is as follows: a) collar stand - avoid the shoulder seam,