

DEVELOPMENT OF MATERIALS CONFECTION DOCUMENTS ON COMBINED ELEMENT CLOTHING MODELS

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Abstract

This article developed a structural model of the process of confecting materials into combined element sewing objects. The stages of the formation of a dress model confection card are indicated.

Keywords: combination of materials, sewing item model, type of materials, main and auxiliary materials.

Introduction

In the case of assortment variability, when expanding the type of assortment being produced, it is necessary to use the methods of combining new structured fabrics, knitted polotnos in the clothing model. The principles of combination make it possible to expand the range of assortment from different fabrics without affecting the constructive shape of the clothing model. The effective realism of the emerging model is associated not only with the style and design of the model, but also with the correct choice and combination of materials for its manufacture.

In the research work, a structural model of the selection process of type I, II, III basic materials for clothing models with combined elements was formed (Figure 1). In the process of choosing materials, the technical sketch of the clothing should be thoroughly analyzed (Figure 2).

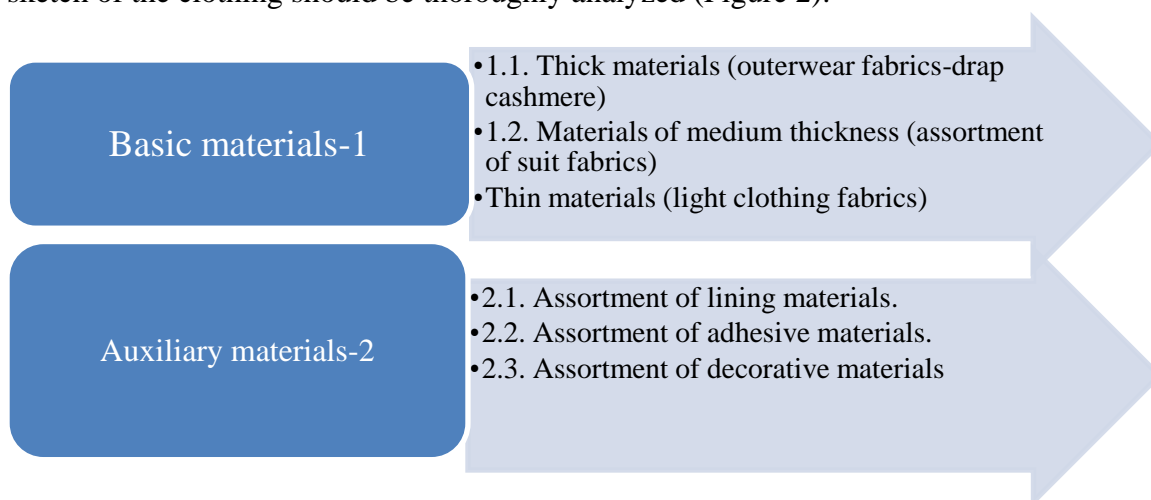


Figure 1. Types of sewing materials.

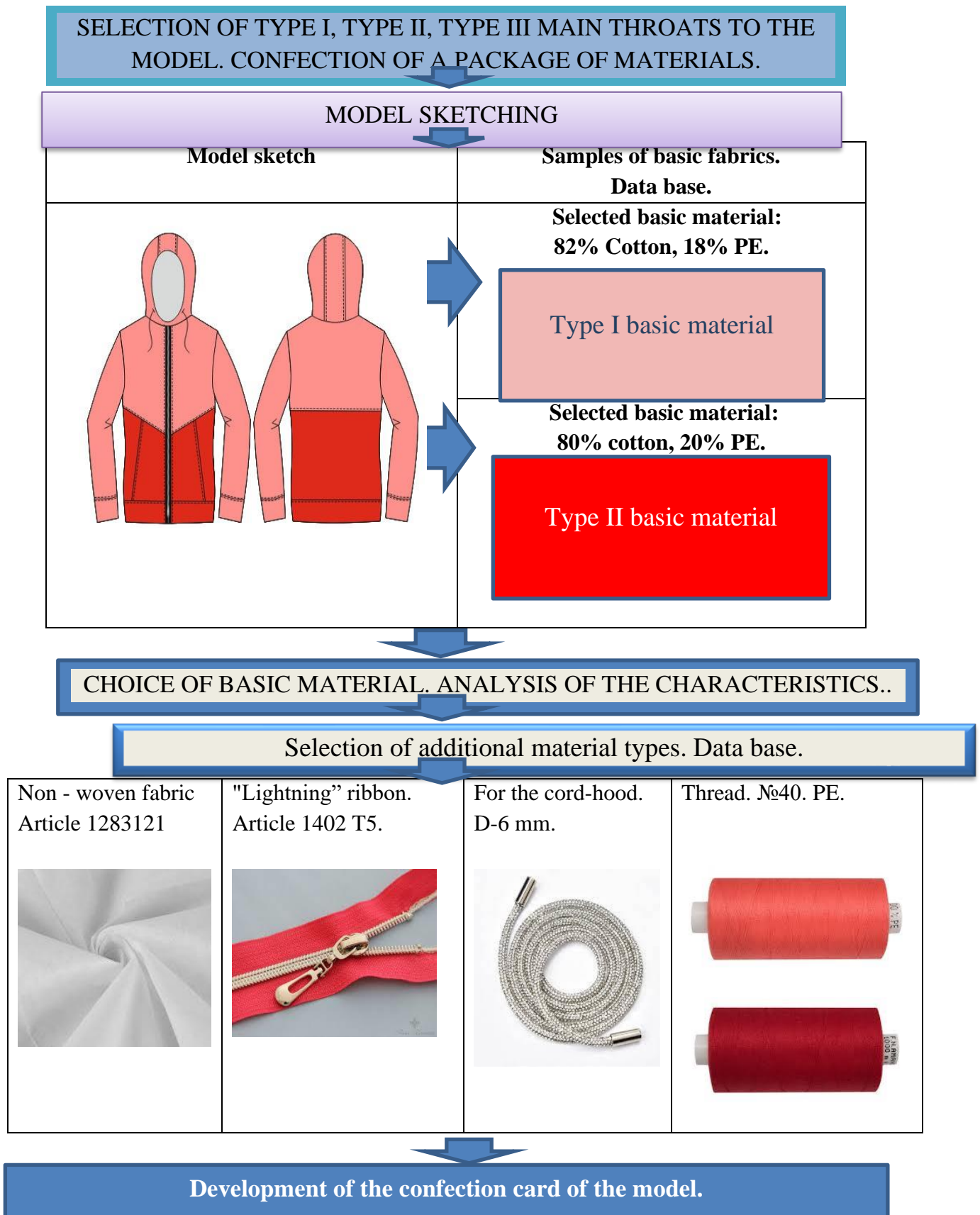


Figure 2. A structural model of the material confection process.

Research Methods

Depending on the function of the garment being designed, the characteristics of the materials are determined. The structural model of the process allows the formation of a confection card. The assembly card provides detailed information about the material package of the new model.

Results

For clothing models, the coefficient of combination of materials is determined. In this case, the combination coefficient is selected from materials with a coefficient of 0.60. This coefficient characterizes the technological, physical and mechanical properties of materials.

The following materials can be combined in a clothing model:

- Denim — velvet, suede, tapestry, jacquard, silk, tweed, knitwear, leather.
- Leather - denim, fleece.
- Lace — satin, velvet, batiste, organza, crepe, chiffon, shellac, crepe.
- Silk — openwork gauze, velvet, jersey, organza, velvet, satin, chiffon.
- Linen + solid suede. The density and weight of gauzes differ from each other, but due to the similarity in texture, it is recommended to combine different colors.
- Fur + wool lining. Fur is perfect with woolen gauze, they complement each other when combined in one outfit.
- Knitted + neoprene. Due to its structural properties, neoprene should be combined with knitwear and leather.

Conclusions

Based on the results of the research, the combination options were developed based on the indicators of the surface density, fiber content, and thickness levels of the materials of different structures, i.e. knitted fabrics and gauzes. The structure of mutual compatibility of materials has been formed, that is, denim (jeans) gauze can be combined in clothes with materials such as velvet, suede, tapestry, jacquard, silk, tweed, knitwear, leather.

REFERENCES

1. Prokopova E. V. Ensuring the compositional diversity of structurally homogeneous clothing models. Diss. on the job. Candidate of Technical Sciences. 2008.
2. Nemirova L.F. Kataeva S.B. Optimization of the choice of materials for models and collections of clothing. Omsk Scientific Bulletin. №2.(140) 2015.
3. Bally, Jennifer (2014) ECO Textile Design: How can textile design and making, combined with social media tools, achieve a more sustainable fast fashion future? PhD thesis, University of the Arts London.
4. Mironchik E.V. Automation of the selection of materials for clothing based on analytical techniques. Diss on the job. Candidate of Technical Sciences. Omsk. 2010.