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

**GB/T 17858.2-2010**

Replacing GB/T 17858.2-1999

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**Packaging sacks -- Vocabulary and types -- Part 2: Sacks made  
from thermoplastic flexible film**

包装袋 术语和类型 第2部分：热塑性软质薄膜袋

**(English Translation)**

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### Foreword

GB/T 17858 "bags term and type" is divided into two parts.

- Part 1. paper bag;
- Part 2. thermoplastic flexible film bag.

This section GB/T 17858 Part 2.

The partial modification of the use of ISO 6590-2. 1986 "type bags and terminology - Part 2. thermoplastic flexible film bag" (In English).

The portion of the ISO 6590-2. 1986 as compared to the main changes are as follows.

- Format according to national standards require modification;
- Standard scope is no longer limited to the perimeter of the bag tube is not less than 550mm range;
- Delete ISO standards in Table 1;
- Increasing the hexagonal end flat side heat-sealing valve bags.

This Part replaces GB/T 17858.2-1999 "Packaging term industrial bags from thermoplastic flexible film bag." this section compared with the GB/T 17858.2-1999 main changes are as follows.

- Standard name changed to "terms and types of bags - Part 2. thermoplastic flexible film bag";
- "Thermoplastic flexible film bag" instead of the original term "thermoplastic flexible film bag";
- Standard scope to "apply to the processing of thermoplastic flexible film made of single or multi-ply bag, this section does not apply in retail packaging bag ";
- Delete the original criteria in Table 1;
- Modify the description part of the term;

--- Increasing the hexagonal end flat side heat-sealing valve bags.

This part of the National Packaging Standardization Technical Committee (SAC/TC49) proposed.

This part of the National Standardization Technical Committee packaging bags Technical Committee (SAC/TC49/SC2) centralized.

Drafting this Part. building materials industry and technical supervision research center, China Building Materials Academy.

## 1 Scope

GB/T 17858 provisions of this part of the terms and types of thermoplastic flexible film bag.

This section applies to the processing of thermoplastic flexible film made of single or multi-ply bag, this section does not apply to retail packaging Bag.

## 2 General terms

The thermoplastic flexible film bag thermoplasticflexiblefilmsack One or more layers of thermoplastic flexible film made of at least one flat tube with one end closed containers, but also with other ductile materials complex Combined together to achieve the circulation of goods and fill the required performance.

Ply layer

Layer of a thermoplastic film or other ductile material film forming the bag walls, or composites of these materials.

Hem gusset

Bags or bags cylinder longitudinal edges folded inwards nipping portion.

Bags cylinder tube

Cut into a predetermined length of the flattened tubular layers may be one or more layers.

### 2.4.1

Flat-bag tube flattube no longitudinal edges of the folded portion sandwiched, but only by a flat cylindrical tube bags constituted.

### 2.4.2

Frilly Bag tube gussetedtube Inwardly folded longitudinal edge portion of the tube clip into the bag.

Heat-sealing Fusion welding at a certain temperature and pressure, after a certain time the number of layers of packaging material partially fused together related methods.

2.5.1

Longitudinal heat-sealing by heating each longitudinal overlapping portions together.

2.5.2

Transverse heat-sealing by heating one or both ends of the tube enclosing the bag.