



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

GB/T 13307-2012

Replacing GB/T 13307-1991

Industrial pre-crimped wire square opening screens

预弯成型金属丝编织方孔网

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Foreword

This standard rule according to GB/T 1.1-2009 given draft. This standard replaces GB/T 13307-1991 "pre-bent shaped woven wire square mesh." This standard compared with GB/T 13307-1991, the main technical changes as follows:

- Increases the mass per unit area of the formula (see 3.1);
- Increasing the net weight conversion factor (see 4.2). The standard characterization and sorting by the National Standardization Technical Committee and mesh particles (SAC/TC168) and focal points. This standard was drafted. the machine Productivity Promotion Center, Bashan Precision Filter Co., Ltd. Hefei Allianz. The main drafters of this standard. Yu Fang, Song Ruxuan, Liu Heqing, Tang East. This standard replaces the standards previously issued as follows:
- GB/T 13307-1991. Pre-curved profile wire woven square mesh

1 Scope

GB/T 13307-2012 is the Chinese national standard on industrial pre-crimped wire square opening screens. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 3 September 2012 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 March 2013. Classification: ICS (ICS) , CCS A28. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the industrial pre-bent shaped woven wire square mesh structure type, model and size, technical requirements, test methods, inspection Income rules and signs, packaging, transportation and storage. This standard applies to the basic mesh size of 125mm ~ 2mm pre-bent shaped woven wire square mesh (hereinafter referred to as

pre-bending forming wire), Special specifications can be negotiated between supply and demand.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated edition applies to this article Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 2828.1 Sampling procedures for inspection - Part 1. by acceptance quality limit (AQL) retrieval batch inspection sampling plan

GB/T 15602 Industrial screens and screening Terminology

JB/T7860-2000 industrial metal wire mesh

ISO 4783-3. 1981 Industrial wire screens and woven wire cloth

--- mesh size and wire diameter combinations - choose means South

--- Part 3. pre-bending or pressure welding metal mesh priority combination (Industrialwirescreensandwovenwirecloth; Guide tothechoiceofaperturesizeandwirediametercombinations; Part 3. Preferredcombinationsforpre- crimpedorpressure-weldedwirescreens)

3 Terms and Definitions

GB/T 15602 and define the following terms and definitions apply to this document.

3.1 Mass per unit area messperunitarea According to equation (1). $\rho_A = (d^2 \rho_f) / 618.1 \cdot (wd)$ (1) Where. ρ_A

--- mass per unit area, in kilograms per square meter (kg/m²); d

--- wire diameter in millimeters (mm); W

--- the mesh size, in millimeters (mm); f

--- net weight conversion factor (from Table 1, selected); p

--- material density in kilograms per cubic meter (kg/m³).

Note 1. Typical values \u200b\u200b of ρ can be isolated in a variety of materials related materials manual, see ISO 4783-3. 1981 in Table 2.

Note 2. The formula (1) gives the calculated mass per unit area, and the actual value of the allowed 3% lower. 4 structure type, model and size

4.1 Structure type Pre-bending forming network structure divided into five types, see Table 1.