

ICS 83.140.99

CCS G47



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

GB/T 18241.5-2015

**Rubber lining - Part 5: Anticorrosion lining with high
temperature resistance for equipment**

橡胶衬里 第5部分：耐高温防腐衬里

Issued on: May 15, 2015

Implemented on: October 1, 2015

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China;
Standardization Administration of China**

Table of Contents

- 1 Scope
- 2 Normative references
- 3 Terms and Definitions
- 4 Classification and labeling of products

Foreword

GB/T 18241 "rubber lining" divided into the following five sections.

- Part 1. equipment anti-corrosion lining;
- Part 2. mill liners;
- Part 3. flotation machine liner;
- Part 4. flue gas desulphurization equipment lining;
- Part 5. high temperature anti-corrosion lining. This section GB/T 18241 Part 5. This section drafted in accordance with GB/T 1.1-2009 given rules. This part is proposed by the China Petroleum and Chemical Industry Association. This part of the National Rubber and rubber products, rubber sundries Standardization Technical Committee Technical Committee (SAC/TC35/SC7) Centralized. This section drafted by: Shun Ho Hangzhou Rubber Engineering Co., Ltd., Shanghai Pu double anti-corrosion lining Rubber Co., Ltd., Hubei Huaning anti-corrosion technology Limited surgery. The main drafters of this section. Zhangqing Hu, Peng Takahashi, Guo Jie, YU Jian. Rubber lining Part 5. high temperature anti-corrosion lining

1 Scope

GB/T 18241.5-2015 is the Chinese national standard on rubber lining - part 5: anticorrosion lining with high temperature resistance for equipment, in the field of rubber and plastic industries. 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 15 May 2015 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 October 2015. Classification: ICS 83.140.99, CCS G47. 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 section GB/T 18241 specifies the terms and definitions of high temperature anti-corrosion lining, classification and product marking, requirements, test methods, inspection rules and signs, packaging, transportation, and storage. This section applies to the use of steel at high temperature operating conditions of 100 °C ~ 120 °C, the cast iron chemical equipment, pipe and tube Member, to prevent equipment corrosion by the medium rubber lining.

2 Normative references

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

GB/T 528 Determination of vulcanized rubber or thermoplastic rubber tensile stress-strain properties

GB/T 531.1 vulcanized rubber or thermoplastic rubber hardness test pushed Part 1. Shore hardness method (Shore hardness)

GB/T 1690 vulcanized rubber or thermoplastic rubber Test method for resistance to liquids Determination of

GB/T 7760 vulcanized rubber or thermoplastic rubber rigid substrate adhesion strength of 90 ° peel method Determination of

GB/T 11211 vulcanized rubber or thermoplastic rubber and metal bonding strength of the Second Board Act

GB 18241.1-2014 rubber lining Part 1. anti-corrosion lining equipment

GB 50726-2011 industrial equipment and pipeline anticorrosion construction specifications Determination of

HG/T 3845 hard rubber impact strength Determination of

HG/T 3849 hard rubber tensile strength and elongation at break of

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 High temperature anti-corrosion lining rubberliningwithhightemperatureresistance
Anti-corrosion lining can be at 100 °C ~ 120 °C working conditions of rubber lining equipment.

4 Classification and labeling of products

4.1 Classification High temperature anti-corrosion lining hardness after vulcanization press is divided into two types. PS

--- high temperature liners, represented by GY;

--- High temperature soft lining, represented by GR.

4.2.1 marking method Products labeled according to the following order.