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ICS 81.060.30
CCS Q 32

JC

# BUILDING MATERIALS INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

# JC/T 2845-2024

## Internal insulation type silicon carbide ceramic/steel composite pipe

内保温型碳化硅陶瓷/钢复合管道

**(English Translation)**

**Issued on: October 24, 2024** **Implemented on: May 1, 2025**

**Issued by: Ministry of Industry and Information Technology**

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https://chinastandards.org/standards/jc-t-2845-2024

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## 1 Foreword

JC/T 2845-2024 was issued by Ministry of Industry and Information Technology on 24 October 2024 and has been in force since 1 May 2025.

The JC/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 7 pages in English translation.

## 2 Scope Preview

This standard specifies the product classification, technical requirements, test methods, inspection rules, labeling, packaging, transportation and storage of internally insulated silicon carbide ceramic/steel composite pipes. This standard applies to internally insulated silicon carbide ceramic/steel composite pipe products used for gas-solid two-phase flow transportation at a temperature less than 1250°C.

JC/T 2845-2024 falls under ICS 81.060.30, in the field of glass and ceramics industries.

This catalogue holds 206 other JC/T standards in that field.

In this catalogue, JC/T standards carry edition years from 1973 to 2026.



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## 3 About this standard

Issued by: Ministry of Industry and Information Technology

English translation: about 7 pages

Chinese original: about 9,997 characters

## 4 Related standards

Standards on related subjects:

JC/T 848.1-2010 - Alumina grinding ball

GB/T 8489-2006 - Test method for compressive strength of fine ceramics (advanced ceramics, advanced technical ceramics)

GB/T 6569-2006 - Fine ceramics (advanced ceramics, advanced technical ceramics) - Test method for flexural strength of monolithic ceramics at room temperature

JC/T 2917-2025 - Zirconia toughened alumina ceramic composite lining board

JC/T 2906-2025 - Test method for wear of small-sized spherical ceramic grinding media - Stirred Mill Method

JC/T 2846-2024 - Wear-resistant silicon carbide ceramic/steel composite pipe lined

## 5 Classification and status

International classification (ICS): 81.060.30

Chinese Standard Classification (CCS): Q 32

Prefix JC/T: recommended standard.



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