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ICS 75.180.01
CCS E90

NATIONAL STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

GB/T 34903.1-2017

Petroleum, petrochemical and natural gas industries - Non-metallic materials in contact with media related to oil and gas production - Part 1: Thermoplastics

石油、石化与天然气工业 与油气开采相关介质接触的非金属材料 第1部分：热塑性塑料

(English Translation)

Issued on: July 2, 2026 **Implemented on: February 1, 2027**

Issued by: State Administration for Market Regulation, Standardization Administration of China

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1 Foreword

GB/T 34903.1-2017 was issued by State Administration for Market Regulation, Standardization Administration of China on 2 July 2026 and has been in force since 1 February 2027.

It is one of 2 parts of the GB/T 34903 series.

The GB/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.

2 Scope Preview

GB/T 34903.1-2017 falls under ICS 75.180.01, in the field of petroleum and related technologies.

This catalogue holds 836 other GB/T standards in that field.

In this catalogue, GB/T standards carry edition years from 1963 to 2026.

3 About this standard

Sector: National Standard (Recommended)

Issued by: State Administration for Market Regulation, Standardization Administration of China

English translation: about 32 pages (approximate)

Chinese original: about 48,483 characters

4 Related standards

Other parts of this standard:

GB/T 34903.2-2017 - Non-metallic materials in contact with media related to oil and gas production -- Part 2: Elastomers

Other editions:

GB/T 34903.1-2026 (later edition)

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Standards on related subjects:

GB/T 18604-2023 - Measurement of natural gas flow by gas ultrasonic flow meters

GB/T 23258-2020 - Standard practice controlling internal corrosion in steel pipelines and piping systems

SY/T 5164-2016 - Roller cone drill bits

GB/T 40543-2021 - Petroleum and natural gas industries - Materials selection for high content CO2 for casing, tubing and downhole equipment

GB/T 24262-2009 - Environmental tests and reliability for petroleum geophysical exploration instrument

5 Classification and status

International classification (ICS): 75.180.01

Chinese Standard Classification (CCS): E 90

Prefix GB/T: recommended standard.

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