

ICS 23.040
CCS V 21



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

GB/T 48251-2026

**Aerospace fluid systems - Plastic protective caps and plugs -
Dimensions**

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(English Translation)

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Foreword

GB/T 48251-2026 is a recommended national standard (GB/T) of the People's Republic of China, issued on 28 September 2026 by the State Administration for Market Regulation and the Standardization Administration of China, with effect from 1 April 2027.

The document adopts an international standard (ISO or IEC).

It is under the responsibility of the Standardization Administration of China.

Classification: ICS 23.040; CCS V 21.

1 Scope

Protective caps and plugs keep contamination out of fluid connections on aircraft and spacecraft, and this standard gives the dimensions of plastic protective caps and plugs for aerospace fluid systems. It will be used by manufacturers of fittings and hydraulic or fuel components, suppliers of protective accessories, aircraft assembly and maintenance organisations, and procurement staff who need parts that are interchangeable between suppliers.

A dimensional standard of this kind simplifies drawings and purchasing, since a part can be called up by reference instead of being described afresh on each project. It adopts an international standard. The document was issued on 28 September 2026 and takes effect on 1 April 2027. As a recommended national standard, it is applied through drawings, contracts or company specifications. Maintenance teams will also value it, because caps and plugs are fitted whenever a line is opened, and a common size range means that spares can be stocked and exchanged between programmes without adaptation.