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

GB/T 47808.1-2026

**Aerospace fluid systems and components - Vocabulary - Part 1:
Hose assemblies**

航空航天流体系统与部件 术语 第1部分：软管组件

(English Translation)

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Table of Contents

Preface
Introduction
1 Scope
2 Normative References
3 General Terminology
4 Hose Material Terminology
5 Hose Design Terminology
6 Hose Application Terminology
8 Hose Assembly Terminology
9 Hose/Hose Assembly Size Terminology 8.
10 Electrical conductivity terminology for hoses/hose assemblies
11 Hose/Hose Assembly Protection Terminology
12 Defect Terminology for Hose/Hose Assembly
Reference
Index

Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents".

Drafting.

This document is Part 1 of GB/T 47808 "Aerospace Fluid Systems and Components Terminology". GB/T 47808 has been published.

The following section.

---Part 1: Hose Assembly this document is equivalent to ISO 8153-1:2009 "Aerospace fluid systems and components - terminology - part 1.hose assemblies".

This document adds a chapter on "Normative References".

Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents.

This document was proposed and is under the jurisdiction of the National Aircraft Standardization Technical Committee (SAC/TC435).

Introduction

GB/T 47808, "Terminology for Aerospace Fluid Systems and Components," defines the terminology applicable to aerospace fluid systems and components.

The definition is intended to consist of two parts.

---Part 1: Hose Assemblies. The purpose is to standardize the terminology and descriptions of various hose assemblies in aerospace fluid systems.

Provides a unified terminology standard for work related to the entire lifecycle of aerospace fluid systems.

---Part 2: Fittings and Connectors. The purpose is to standardize the terminology and tables for various fittings and connectors used in aerospace fluid systems.

This terminology standard is used for all lifecycle work related to aerospace fluid systems, providing a unified terminology benchmark.

Aerospace Fluid Systems and Component Terminology Part 1: Hose Assembly

1 Scope

This document defines the terminology and definitions used for all types of hose assemblies in aerospace fluid systems.

General terminology can be further refined by adding supplementary terms related to the design, application, or hose/hose assembly material.

ISO 7369 provides specific terms and definitions for metal hose assemblies.

Note: Some concepts used in this document do not apply to all types of hose assemblies, but only to specific types; for example, the term "internal conical nozzle".

This does not apply to flexible metal hoses that do not contain the internal conical nozzle defined in this document.

2 Normative references

This document has no normative references.

3 General Terms

Hose assembly

It has hose connectors at both ends, making it a hose that can be used directly.

Note: See Figure 1.

Figure 1.Hose assembly

Hoseline

A combination consisting of several interconnected hose assemblies.

Note: See Figure 2.

Figure 2.Flexible tubing

hose

Flexible tubular products containing an inner layer and typically equipped with an outer cladding, reinforcing layer, or braided layer.

Note 1: The common term for a hose consisting of only one layer is "single-layer hose".

Note 2: See Figure 3.