

Aerospace series - PTFE flexible hose assembly with convoluted inner tube of a nominal pressure up to 6 800 kPa and 8°30' fitting in titanium - Product standard

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

See Eesti standard EVS-EN 3572:2021 sisaldab Euroopa standardi EN 3572:2021 ingliskeelset teksti.	This Estonian standard EVS-EN 3572:2021 consists of the English text of the European standard EN 3572:2021.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 31.03.2021.	Date of Availability of the European standard is 31.03.2021.
Standard on kättesaadav Eesti Standardimis-ja Akrediteerimiskeskusest.	The standard is available from the Estonian Centre for Standardisation and Accreditation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile [standardiosakond@evs.ee](mailto:standardiosakond@evs.ee).

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English Version

**Aerospace series - PTFE flexible hose assembly with  
convoluted inner tube of a nominal pressure up to 6 800  
kPa and 8°30' fitting in titanium - Product standard**

Série aérospatiale - Tuyauterie flexible en PTFE de  
pression nominale jusqu'à 6 800 kPa avec tube  
intérieur convoluté et raccordement 8°30' en titane -  
Norme de produit

Luft- und Raumfahrt - Schlauchleitung aus PTFE bis 6  
800 kPa Nenndruck mit gewickeltem Innenschlauch  
und 8°30' Armatur aus Titan - Produktnorm

This European Standard was approved by CEN on 30 November 2020.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

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## European foreword

This document (EN 3572:2021) has been prepared by the Aerospace and Defence Industries Association of Europe - Standardization (ASD-STAN).

After enquiries and votes carried out in accordance with the rules of this Association, this Standard has received the approval of the National Associations and the Official Services of the member countries of ASD, prior to its presentation to CEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 2021, and conflicting national standards shall be withdrawn at the latest by September 2021.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

## 1 Scope

This document specifies the dimensions of a hose assembly which is in accordance with ISO 7313.

The hose assembly couples to the fittings specified in EN 3274, which are made out of titanium.

The hose is protected either by means of an anti-abrasive, anti-shock and anti-projection sleeve or by means of a fire resistant or fire proof sleeve in accordance with ISO 2685.

## 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 2424, *Aerospace series — Marking of aerospace products*

ISO 7313, *Aircraft — High temperature convoluted hose assemblies in polytetrafluoroethylene (PTFE)*

## 3 Terms and definitions

No terms and definitions are listed in this document.

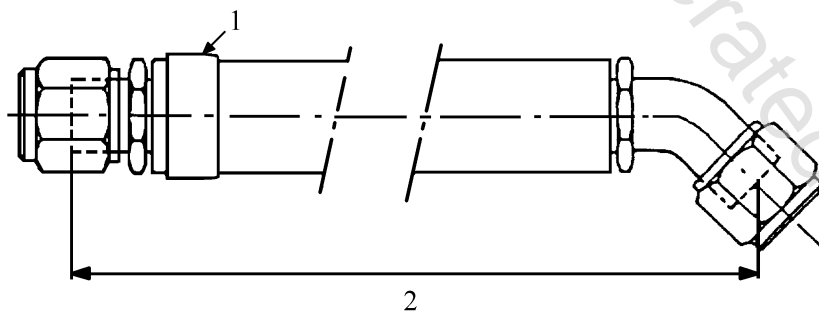
ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp/ui>
- IEC Electropedia: available at <http://www.electropedia.org/>

## 4 Length of hose assembly

The length of the hose assembly is measured starting from the theoretical sealing point of the fitting specified in the relevant standard (see Figure 1).

Example for a length of 680 mm use code “FJ”.



### Key

- 1 identification strip
- 2 length of hose assembly

**Figure 1 — Hose assembly**

The standard lengths chosen in Table 1 take into account the tolerances specified in Table 2.