Irish Standard
I.S. EN 3572:2021

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

I.S. EN 3572:2021

Incorporating amendments/corrigenda/National Annexes issued since publication:

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This document is based on:	*Published:*
EN 3572:2021	2021-03-31

This document was published under the authority of the NSAI and comes into effect on:	ICS number:
2021-04-18	49.080
	NOTE: If blank see CEN/CENELEC cover page

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National Foreword

I.S. EN 3572:2021 is the adopted Irish version of the European Document EN 3572:2021, 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

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 3572

March 2021

ICS 49.080

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.

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

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Ref. No. EN 3572:2021 E

Contents

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of an identical text or by endorsement, at the latest by September 2021, and conflicting national standards shall be withdrawn at the latest by September 2021.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.

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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:

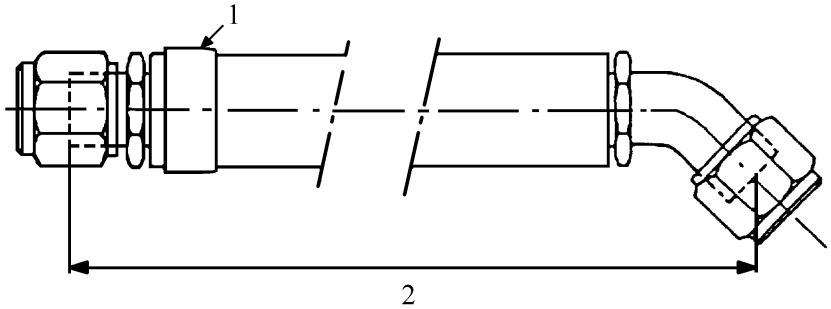
— ISO Online browsing platform: available at https://www.iso.org/obp/ui

— 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.