SLOVENSKI STANDARD
kSIST FprEN ISO 5774:2015

01-oktober-2015

Polimerne cevi - S tekstilom ojačene cevi za zrak pod tlakom - Specifikacija (ISO/FDIS 5774:2015)

Plastics hoses - Textile-reinforced types for compressed-air applications - Specification (ISO/FDIS 5774:2015)

Kunststoffschläuche - Textilverstärkte Typen für Druckluftanwendungen - Anforderung (ISO/FDIS 5774:2015)

Tuyaux en plastique - Types armés de textile pour applications avec de l'air comprimé - Spécifications (ISO/FDIS 5774:2015)

Ta slovenski standard je istoveten z: **FprEN ISO 5774**

ICS:

83.140.40	Gumene cevi	Hoses

kSIST FprEN ISO 5774:2015 **en,fr,de**

FINAL
DRAFT

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5774**

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Plastics hoses — Textile-reinforced types for compressed-air applications — Specification

Tuyaux en plastique — Types armés de textile pour applications avec de l'air comprimé — Spécifications

Please see the administrative notes on page iii

Reference number
ISO/FDIS 5774:2015(E)

ISO/CEN PARALLEL PROCESSING

This final draft has been developed within the International Organization for Standardization (ISO), and processed under the **ISO-lead** mode of collaboration as defined in the Vienna Agreement. The final draft was established on the basis of comments received during a parallel enquiry on the draft.

This final draft is hereby submitted to the ISO member bodies and to the CEN member bodies for a parallel two-month approval vote in ISO and formal vote in CEN.

Positive votes shall not be accompanied by comments.

Negative votes shall be accompanied by the relevant technical reasons.

ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information

The committee responsible for this document is ISO/TC 45, *Rubber and rubber products*, Subcommittee SC 1, *Rubber and plastics hoses and hose assemblies*.

This fourth edition cancels and replaces the third edition (ISO 5774:2006), of which it constitutes a minor revision.

The minor changes are as follows:

— Clause 2 has been updated: ISO 1746, ISO 4672 and ISO 11758 have been deleted and replaced by ISO 10619-1, 10619-2 and ISO 30013.

— Pressures have been specified in MPa and bar (with the units stated) and Table 5 has been amended accordingly. Also Clause 10 (Marking) has been slightly modified to make the information more complete.

— The term "type approval" has been replaced by "type test".

— The error in Annex A, where, in the column "routine testing", the proof pressure test was marked N.A. has been corrected. Proof pressure testing for each length of finished hose supplied has become normative as standard for nearly all other hose product standards.

— Also Annex B (informative) has been amended (this annex is for guidance only) and the recommendation for production acceptance testing on tensile strength/elongation at break of lining and cover, change in length and diameter at proof pressure, adhesion, bonding test has been changed from "N.A." to "X", in order to monitor the quality of manufacturer's production more efficiently.

Introduction

This International Standard has been prepared to provide minimum acceptable requirements for the satisfactory performance of flexible thermoplastics hoses, textile reinforced, for compressed-air applications.

Maximum working pressures of each hose type are specified with two operating temperatures.

Some hose materials will require a hydrolysis test (given in Annex A).