

Second edition
2020-01

Pneumatic fluid power — Push-in connectors for thermoplastic tubes

*Transmissions pneumatiques — Raccords instantanés pour tubes
thermoplastiques*



Reference number
ISO 14743:2020(E)

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Published in Switzerland

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Contents

	Page
Foreword	v
Introduction	vi
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Working conditions	1
5 Features	2
6 OD of tube	2
7 Design	2
8 Marking	12
9 Performance requirements and testing	12
9.1 General.....	12
9.2 Test samples.....	12
9.3 Tensile test.....	13
9.3.1 Procedure.....	13
9.3.2 Pass/fail criteria.....	13
9.4 Pressure at maximum temperature test (for PA tubing only).....	13
9.4.1 Description.....	13
9.4.2 Apparatus.....	13
9.4.3 Procedure.....	14
9.4.4 Pass/fail criteria.....	14
9.5 Proof and burst pressure test (for PA tubing only).....	14
9.5.1 Description.....	14
9.5.2 Apparatus.....	14
9.5.3 Procedure.....	14
9.5.4 Pass/fail criteria.....	15
9.6 Connecting force test.....	15
9.6.1 Apparatus.....	15
9.6.2 Procedure.....	15
9.6.3 Pass/fail criteria.....	15
9.7 Disconnecting force test.....	16
9.7.1 Apparatus.....	16
9.7.2 Procedure.....	16
9.7.3 Pass/fail criteria.....	16
9.8 Leakage test (to be performed before disconnecting).....	16
9.8.1 Description.....	16
9.8.2 Apparatus.....	16
9.8.3 Procedure.....	17
9.8.4 Pass/fail criteria.....	19
9.9 Cyclic endurance (impulse) test with vibration (for PA tubing only).....	19
9.9.1 Description.....	19
9.9.2 Apparatus.....	19
9.9.3 Procedure.....	19
9.9.4 Pass/fail criteria.....	21
10 Designation	21
11 Identification statement (reference to this document).....	23
Annex A (normative) PA tubes for testing	24
Annex B (normative) PU tubes for testing	27

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Bibliography	30
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Foreword

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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).

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This document was prepared by Technical Committee ISO/TC 131, *Fluid power systems*, Subcommittee SC 4, *Connectors and similar products and components*.

This second edition cancels and replaces the first edition (ISO 14743:2004), which has been technically revised. The main changes compared to the previous edition are as follows:

- new fitting size including inch dimensions has been added;
- new normative references have been added;
- updates on leakages performances and precisions have been added for cyclic endurance with vibration.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

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Introduction

In pneumatic fluid power systems, power is transmitted and controlled through air under pressure within a circuit.

Components are connected through their ports by means of connectors (fittings) and conductors.