

**Rubber hoses and hose assemblies for use in oil burners
- Specification (ISO 6806:2014)**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN ISO 6806:2014 sisaldab Euroopa standardi EN ISO 6806:2014 inglisekeelset teksti.	This Estonian standard EVS-EN ISO 6806:2014 consists of the English text of the European standard EN ISO 6806:2014.
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English Version

**Rubber hoses and hose assemblies for use in oil burners -
Specification (ISO 6806:2014)**

Tuyaux et flexibles en caoutchouc pour brûleurs -
Spécifications (ISO 6806:2014)

Gummischläuche und Schlauchleitungen für den Einsatz in
Ölbrennern - Anforderung (ISO 6806:2014)

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COMITÉ EUROPÉEN DE NORMALISATION
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Foreword

This document (EN ISO 6806:2014) has been prepared by Technical Committee ISO/TC 45 “Rubber and rubber products” in collaboration with Technical Committee CEN/TC 218 “Rubber and plastics hoses and hose assemblies” the secretariat of which is held by BSI.

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of an identical text or by endorsement, at the latest by March 2015, and conflicting national standards shall be withdrawn at the latest by March 2015.

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

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Endorsement notice

The text of ISO 6806:2014 has been approved by CEN as EN ISO 6806:2014 without any modification.

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Rubber hoses and hose assemblies for use in oil burners — Specification

1 Scope

This International Standard specifies the minimum requirements for rubber hoses and hose assemblies for use in oil burners.

The following two types of hose assembly are specified.

- Type 1: Hose assemblies for flux and reflux, but not for insertion between the oil burner pump and the atomizing connection; maximum working pressure 1,0 MPa (10 bar); maximum oil temperature 100 °C.
- Type 2: Hose assemblies for insertion between the oil burner pump and the atomizing connection; working pressure 4,0 MPa (40 bar); maximum oil temperature 100 °C.

NOTE The hose assemblies specified in this International Standard are not intended to be used, without special assessment, for purposes other than oil burner installations.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 37, *Rubber, vulcanized or thermoplastic — Determination of tensile stress-strain properties*

ISO 48, *Rubber, vulcanized or thermoplastic — Determination of hardness (hardness between 10 IRHD and 100 IRHD)*

ISO 188, *Rubber, vulcanized or thermoplastic — Accelerated ageing and heat resistance tests*

ISO 1307, *Rubber and plastics hoses — Hose sizes, minimum and maximum inside diameters, and tolerances on cut-to-length hoses*

ISO 1402, *Rubber and plastics hoses and hose assemblies — Hydrostatic testing*

ISO 1436, *Rubber hoses and hose assemblies — Wire-braid-reinforced hydraulic types for oil-based or water-based fluids — Specification*

ISO 1817, *Rubber, vulcanized or thermoplastic — Determination of the effect of liquids*

ISO 4671, *Rubber and plastics hoses and hose assemblies — Methods of measurement of the dimensions of hoses and the lengths of hose assemblies*

ISO 7326, *Rubber and plastics hoses — Assessment of ozone resistance under static conditions*

ISO 10619-2:2011, *Rubber and plastics hoses and tubing — Measurement of flexibility and stiffness — Part 2: Bending tests at sub-ambient temperatures*

3 Construction

Hoses in accordance with this International Standard shall consist of either:

- a) an internally smooth rubber lining and an external corrosion-resistant metal braid; or