

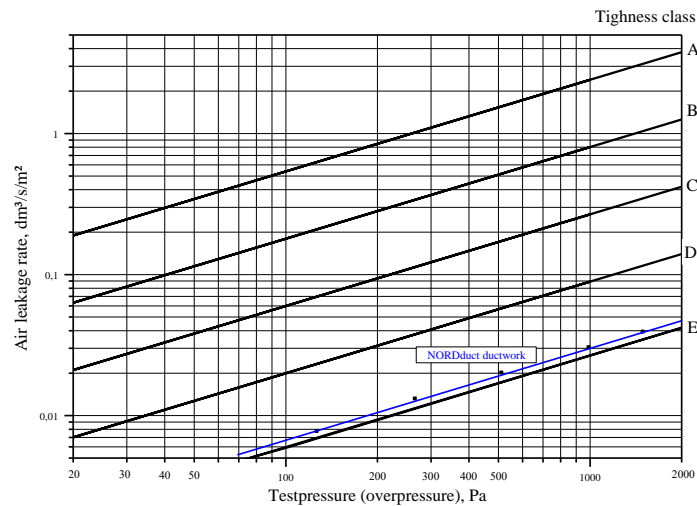
# PRODUCT CERTIFICATE

## ETS NORD AS

supplies

### ductwork for ventilation system NORDDuct

Ventilation system NORDDuct is intended to be used in ordinary ventilation systems in buildings and its tightness is defined according to the certification criteria *SERT R022: ductwork for ventilation system*. The tightness (EN 12237) of ventilation system NORDDuct (the total surface area of the ductwork A is 10,9 m<sup>2</sup> and the total joint length L is 14,6 m) is as follows:



Ventilation system NORDDuct meets the certification criteria of the tightness class D both with over- and underpressure. The maximum operating pressure is +2000 Pa/-1000 Pa. Components of the certified ventilation system NORDDuct are listed in the Appendix of the certificate.

This certificate is valid until May 13, 2025 on condition that the product is not essentially changed and the manufacturer and Eurofins Expert Services Oy have a valid contract on quality control. To check the validity of this certificate, please visit [www.sertifikaattihaku.fi](http://www.sertifikaattihaku.fi). Other conditions are listed on the reverse side of the certificate.

Espoo, May 14, 2020

Tiina Ala-Outinen  
Manager, certification and inspection

Mikko Saari  
Assessor

*This document has been signed electronically*

---

# PRODUCT CERTIFICATE

---

No EUFI29-20002351-C/EN  
Issued December 15, 2017  
Updated May 14, 2020

2 (3)

Where reference is made in this certificate to any regulations, publications, standards or other documents, it shall be construed as a reference to such publication in the form of which it is in force at the date of this certificate.

The manufacturer is responsible for the quality and continuous quality control of the product. In granting this certificate, Eurofins Expert Services Oy does not accept responsibility to any person or body for any loss or damage incurred in respect of personal injury arising as direct or indirect result of the use of this product.

The use of the name of Eurofins Expert Services Oy or the name Eurofins in any other form in advertising or distribution in part of this certificate is only permissible with written authorisation from Eurofins Expert Services Oy.

This certificate is the English version of the original EUFI29-20002351-C Finnish certificate. In case of dispute the Finnish original of the certificate is valid.

# PRODUCT CERTIFICATE

An appendix to product certificate No EUFI29-20002351-C/EN

1 (1)

Manufacturers: ETS NORD AS, Tallinn Estonia and ETS NORD Finland, Tuusula  
Components of ventilation system NORDDuct:

No	Item	Product symbol	Dimension symbol	Standard dimension mm
1	Spiral duct ( <i>spiraalтору</i> )	NTO	D-3	80...1600
2	Spiral duct ( <i>spiraalтору</i> )	NTO	D-6	80...1600
3	Bend ( <i>põlv</i> )	NV	D-90	250...1600
4	Bend ( <i>põlv</i> )	NV	D-60	250...1600
5	Bend ( <i>põlv</i> )	NV	D-45	250...1600
6	Bend ( <i>põlv</i> )	NV	D-30	250...1600
7	Bend ( <i>põlv</i> )	NV	D-15	250...1600
8	Coupling ( <i>siseliide</i> )	NI	D	80...1600
9	Slide-in coupling ( <i>pikk siseliide</i> )	NIL	D	80...1600
10	Slide-in female coupling ( <i>pikk liide</i> )	NILM	D	100...500
11	Female coupling ( <i>välisliide</i> )	NM	D	80...1600
12	Saddle ( <i>sadul</i> )	NSK	D	80...1600
13	Saddle ( <i>sadul</i> )	NSKM	D	80...1600
14	Saddle ( <i>sadul</i> )	NPS	D-d	80/80...630/315
15	Saddle ( <i>sadul</i> )	NPSV	D-d	400/400...1600/1600
16	Reducer concentric ( <i>üleminek tsentriline</i> )	NFC	D-d	100/80...315/250
17	Reducer concentric ( <i>üleminek tsentriline</i> )	NFCV	D-d	250/100...1600/1250
18	Reducer concentric ( <i>üleminek tsentriline toru/osa</i> )	NFCM	D-d	100/80...315/250
19	Reducer concentric ( <i>üleminek tsentriline toru/osa</i> )	NFCVM	D-d	200/100...1600/1250
20	Reducer eccentric ( <i>üleminek ekstsentriline</i> )	NFB	D-d	100/80...1600/1250
21	Reducer eccentric ( <i>üleminek ekstsentriline toru/osa</i> )	NFBM	D-d	100/80...1600/1250
22	T-piece ( <i>kolmik</i> )	NTK	D-d	100/100...630/315
23	T-piece ( <i>kolmik</i> )	NTKV	D-d	400/400...1600/1600
24	X-piece ( <i>nelik</i> )	NXK	D-d	100/100...630/315
25	End cap ( <i>otsakork</i> )	NAL	D	80...1600
26	End cap ( <i>otsakork</i> )	NALM	D	80...1600
27	Cleaning cover ( <i>otsakork</i> )	NAL-H	D	80...1600
28	Cleaning cover ( <i>otsakork</i> )	NALM-H	D	80...1600
29	Bend, pressed ( <i>põlv, pressitud</i> )	NVP	D-90	80...250
30	Bend, pressed ( <i>põlv, pressitud</i> )	NVP	D-60	80...250
31	Bend, pressed ( <i>põlv, pressitud</i> )	NVP	D-45	80...250
32	Bend, pressed ( <i>põlv, pressitud</i> )	NVP	D-30	80...250
33	Bend, pressed ( <i>põlv, pressitud</i> )	NVP	D-15	80...250