

**Ventilation Supplies by Ventilation Specialists** 

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**Ecosoft Flexible Air Ducts** 



afs.com.tr



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#### **ISOAFS-ALU.70 ECOSOFT**

Inner Duct Construction 3 ply aluminium 2 ply polyester

Nominal Thickness of Inner Duct 70 micron

**Jacket Construction** 1 ply aluminium 2 ply polyester

Nominal Thickness of Jacket 45 micron

Insulation - Thickness - Density Glass wool - 25 mm - 16 kg/m Glass wool - 50 mm - 16 kg/m 3

Diameter Range (Ø) 52 - 800 mm

Wire Spacing 35 mm (Ø ≥ 127 mm)

Operating Temperature Range -30 °C / +150 °C

Air Velocity 30 m/s (max)

**Operating Pressure** +3000 Pa (max)

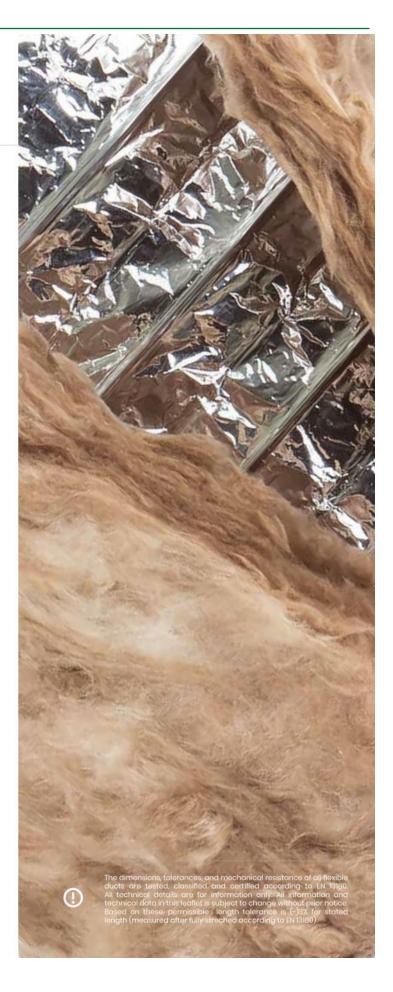
Standard Length 10 m

Packing Special design cardboard box

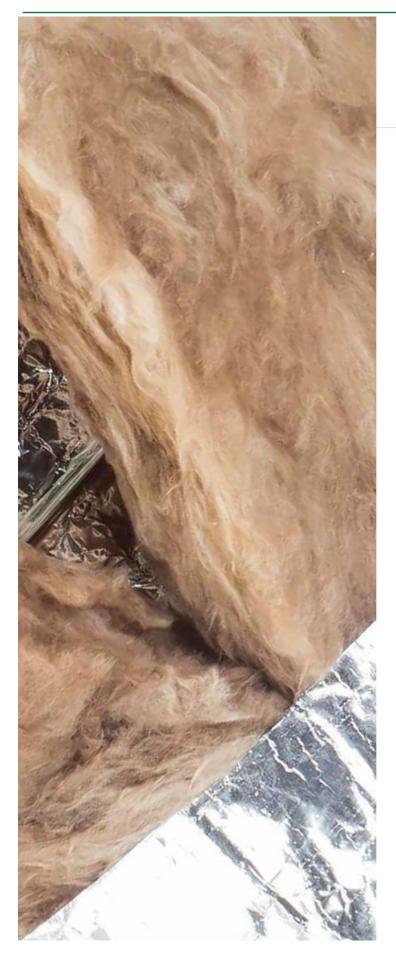
**Reaction to Fire** Difficult to ignite

Certificates M1 (France) Class B-s1, d0 (EU EN 13501-1)











#### **ISOAFS-ALU.F ECOSOFT**

Inner Duct Construction 3 ply aluminium 1 ply polyester

Nominal Thickness of Inner Duct 74 micron

Jacket Construction 1 ply aluminium 2 ply polyester

Nominal Thickness of Jacket 45 micron

Insulation - Thickness - Density Glass wool - 25 mm - 16 kg/m Glass wool - 50 mm - 16 kg/m<sup>3</sup>

Diameter Range (Ø) 82 - 800 mm

Wire Spacing 35 mm (Ø ≥ 127 mm)

**Operating Temperature Range** -30 °C / +250 °C

Air Velocity 30 m/s (max)

**Operating Pressure** +3000 Pa (max)

Standard Length 10 m

Packing

Special design cardboard box

**Reaction to Fire** Difficult to ignite

Certificates M0 + M1 (France)





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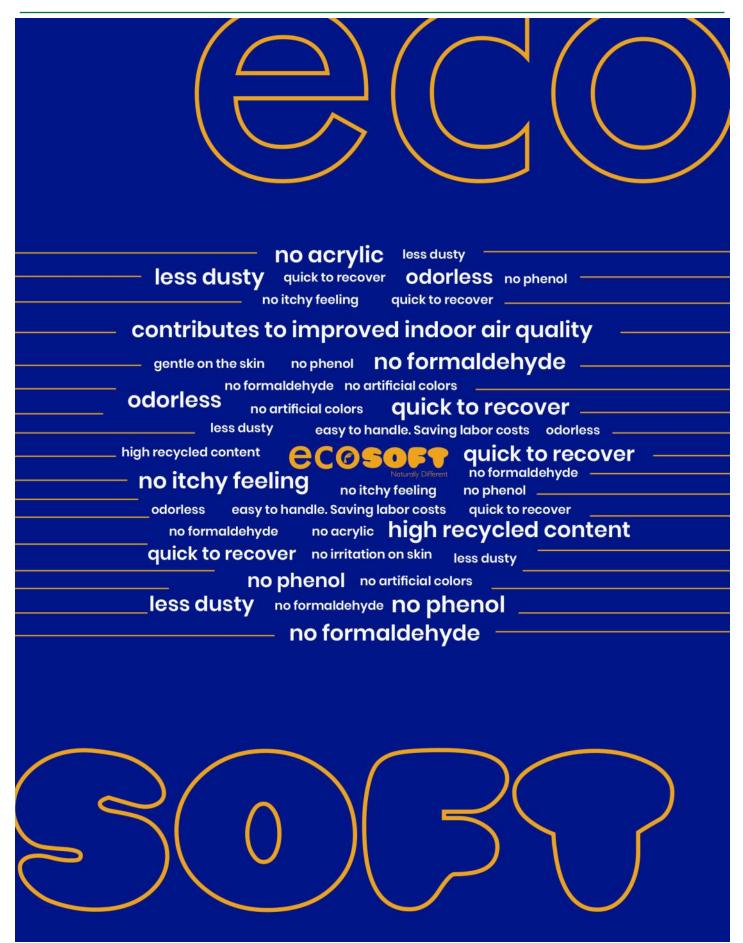






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#### VOC and Formaldehyde emissions of AFS flexible air ducts based on ISO 16000.

Compounds	CAS number	Cexp at 28 days	A+ criteria	Emission class
Formaldehyde	50-00-0	4	<10	A+
Acetaldehyde	75-07-0	1	<b>&lt;</b> 200	A+
Toluene	108-88-3	<1	<b>&lt;</b> 300	A+
Tetrachlorethylene	127-18-4	< LD	<b>&lt;</b> 250	A+
Xylene	108-38-3	<lq< td=""><td>&lt; 200</td><td>A+</td></lq<>	< 200	A+
1,2,4- trimethylbenzene	95-63-6	<1	<1000	A+
1,4- dichlorobenzene	106-46-7	< LD	< 60	A+
Ethylbenzene	100-41-4	<lq.< td=""><td>&lt;750</td><td>A+</td></lq.<>	<750	A+
2- butoxyethanol	111-76-2	< LD	<1000	A+
Styrene	100-42-5	<lq< td=""><td>&lt;250</td><td>A+</td></lq<>	<250	A+
TVOC	-	11	<1000	A+
esulting emission class				A+

\* Total Volatile Organic Compound

Exposure concentrations at 28 days (µg.m<sup>-3</sup>) from SONOAFS-ALU.70 ECOSOFT ventilation duct and resulting emission class (LD: detection limit, LQ: quantification limit)

**CSTB** Test report nº SC-15-030 (SONOAFS - ALU. F ECOSOFT) nº SC-15-029 (SONOAFS - ALU. 70 ECOSOFT)



\*Information on the emission level of volatile substances into indoor air, presenting a risk of toxicity by inhalation, on a scale ranging from A+ (very low emissions) to C (high emissions)







#### **ABSENCE OF RELEASE OF CMR COMPOUNDS**

Compounds	<b>CAS number</b>	Cexp at 28 days
Trichlorethylene	79-01-6	< LD
Benzene	71-43-2	< LQ
Bis (2-ethylhexyl) phthalate (DEHP)	117-81-7	< LQ
Dibutyl Phthalate (DBP)	84-74-2	< LQ
Compliance with Orders		YES

Release of CMR compounds: exposure concentrations at 28 days (µg.m<sup>-3</sup>) from SONOAFS-ALU.70 ECOSOFT ventilation duct (LD: detection limit, LQ: quantification limit)





\*Information on the emission level of volatile substances into indoor air, presenting a risk of toxicity by inhalation, on a scale ranging from A+ (very lew emissions) to C (high emissions)



# **Ecosoft Flexible Air Ducts**





FLEXIBLE KANAL AŞ

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