






A Company of  ISI
MÜHENDİSLİK

A GLOBAL BRAND OF FLEXIBLE AIR DUCTS

Flexiva is a brand dominated by ISIL Engineering Inc., which started its activities as a manufacturer of flexible air ducts in 1998, both domestically and abroad.

Flexiva Flexible Air Ducts are produced at Istanbul-Pendik facility with a closed area of 12.000 m². Flexiva, which has a wide market share in the country, is exported to nearly 50 countries.

Flexiva branded products are distributed in 7 different regions in the country, with 15 main distributors and over 100 sub-dealers.

Flexiva is produced and documented in accordance with TS EN ISO-80001 standard in the framework of TS EN ISO 9001 Quality Management System. The quality of the Flexiva products is ensured by applying all necessary tests in the Test Laboratory located in the production facility. Flexiva products are being developed with quality, durability, competitive pricing, social and environmental sustainability, installation difficulties and swift delivery in mind. This process is backed by the strongest R&D department in the country in its sector. As proof of this process, it has products with innovative innovations that have international patents.

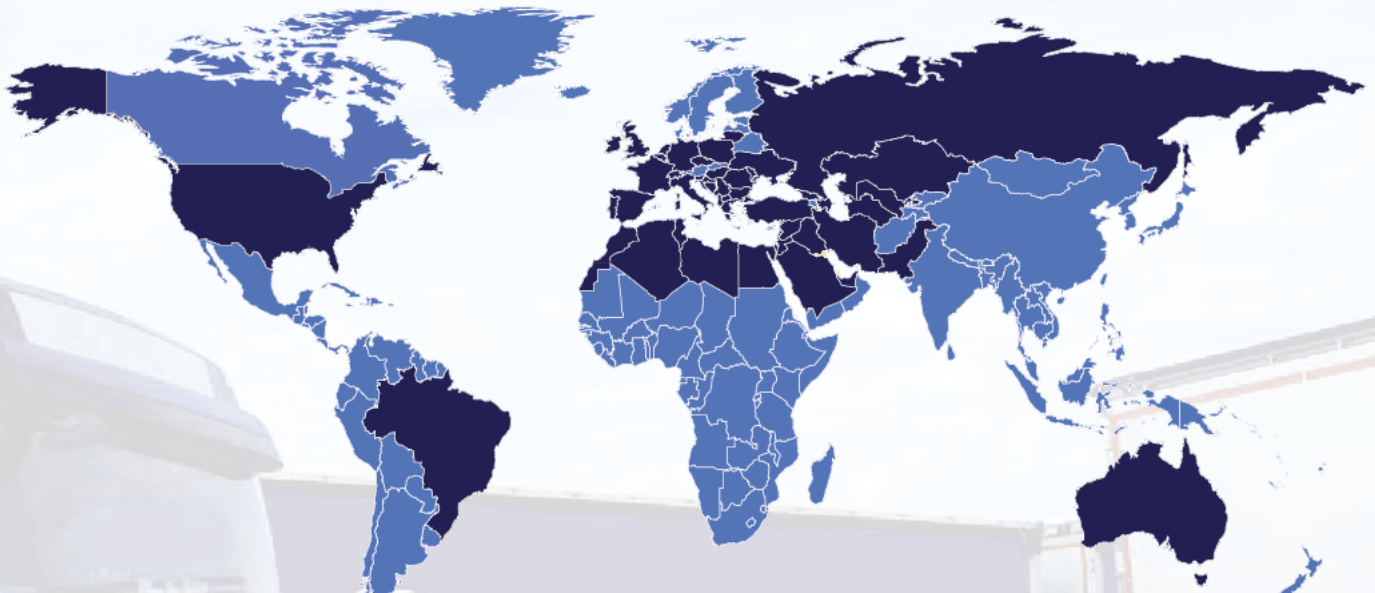
Flexiva continues to grow with new products and into new markets within the "Sustainable Development" framework of ISIL Inc.

 FLEXIVA



www.flexiva.com.tr

FLEXIVA IN THE WORLD



Albania
Algeria
Australia
Azerbaijan
Bahrain
Belgium
Bosnia Herzegovina
Brazil
Bulgaria
Croatia
Czech Republic
Egypt
France
Georgia

Germany
Greece
Holland
Hungary
Iran
Iraq
Ireland
Israel
Italy
Jordan
Kazakhstan
KKTC
Kosovo
Kuwait

Lebanon
Libya
Lithuania
Malta
Moldova
Montenegro
Morocco
N. Macedonia
Pakistan
Palestine
Poland
Portugal
Qatar
Romania

Russia
Saudi Arabia
Serbia
Slovenia
Spain
Switzerland
Syria
Tunisia
Turkey
Turkmenistan
UAE
Ukraine
United Kingdom
USA
Uzbekistan

ALUMINUM

Δ VENTUS	fiberwool fully laminated hygienic guard flame retardant
Δ VENTUS	rubber fully laminated hygienic guard flame retardant
Δ VENTUS	polyethylene fully laminated hygienic guard
AIR	insulated uninsulated sono hygienic guard
AIR+	insulated uninsulated sono hygienic guard
SKY	insulated uninsulated sono hygienic guard flame retardant
FLY	insulated uninsulated sono hygienic guard fireproof
SHOW	uninsulated color options
META	insulated uninsulated sono hygienic guard economic

PVC

ESSI	insulated uninsulated particle resistant
SHIELD	insulated uninsulated particle resistant
JOY	insulated uninsulated
JOY+	insulated uninsulated polypropylene

ALUMINUM + PVC

COMBI	uninsulated moisture barrier guard hygienic
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NON-WOVEN POLYPROPYLENE FABRIC CLOTH

NONWAD	insulated uninsulated polypropylene
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Unique, Quality, Next-Gen



Flexiva offers a range of products that are specialized for use cases, designed with the latest technology, accessible and of high quality.

To find the best solutions for your needs, visit our website.
www.flexiva.com.tr



- Aesthetic Look
- Airtight

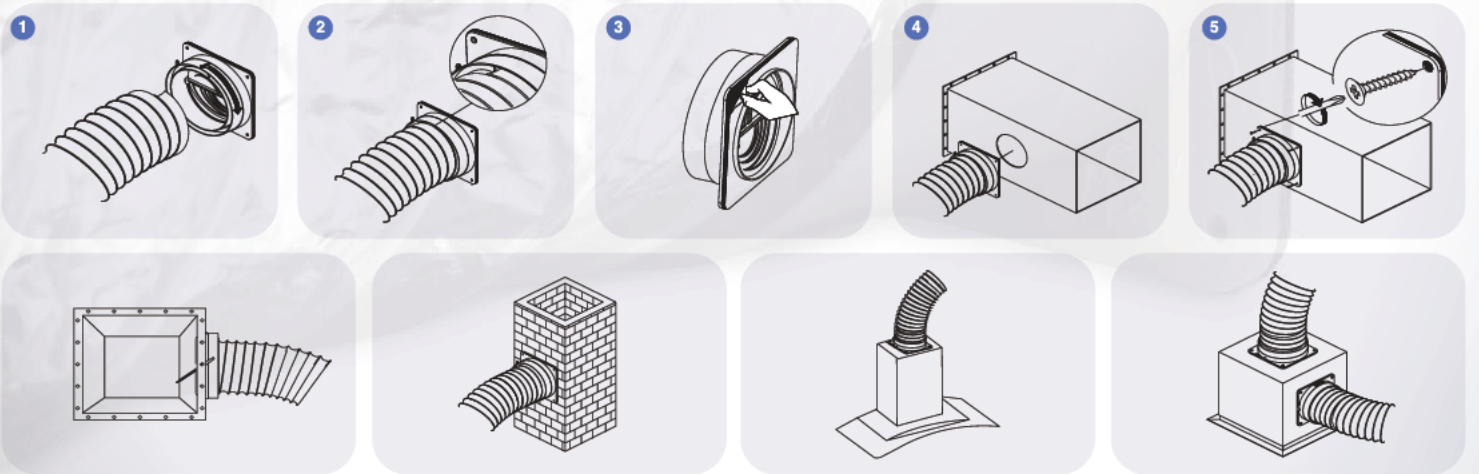
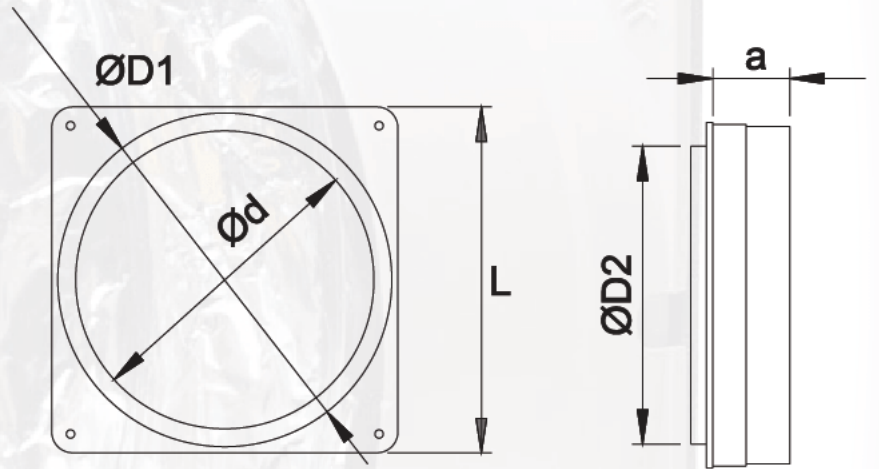


- Easy to Install
- Easy montage



- Provides more solid assembly in a shorter time.
- With less equipment, trouble-free assembly can be done even in tight spaces.
- It prevents high pressure loss and the accumulation of dust particles in the duct, by allowing the flexible air duct to be stretched at the maximum level.
- Adjustments can be made thanks to the flap.

Material	Polypropylene
Temperature Range	-30°C / +150°C
Operating Pressure	-
Operating Air Velocity	-
Diameter Range	4"-12" - 102-305 mm
Units in Box	48 pcs
Fire Classification	UL 2043





www.flexiva.com.tr



Globally Patented Products
International Certificates
Industry Leading Innovative Solutions
Professional Technical Team
Constant R&D Efforts



VENTUS FIBERWOOL



fully laminated

Self-isolated product technology.



fiberwool

Fully laminated coated fiber insulation material on the duct



flame retardant

CSTB M1 certified



Add-on Features



sono

Perforated inner surface designed for sound insulation.




hygienic


According to the results of Ekoteks laboratory, it has 99.9% antimicrobial properties.




guard

It plays an active role in protection from the danger of coronavirus.

 Fully lamination prevents the product from gathering or dusting and forming a thermal bridge.

 It can be customized according to different use cases with its design that allows modification.


 This product, which is flame-retardant (M1) from the factory, withstands a pressure of 5.000 Pa according to TSE standards.

 VENTUS is airtight, resistant to stretching and impact.

 Standard packaging is 10 meters.

 It is unique in its field thanks to its fully laminated self-isolation.

 It is an environmentally friendly product produced within the framework of the Flexiva sustainability program.

 It is not affected by humidity and does not cause allergic effects.

Material

Aluminum + Polyester

Insulation Material

Fiberwool - 20 mm 270 gr/m²

Outer Jacket

Aluminum + Polyester

Operating Air Velocity

Max. 30 m/s

Diameter Range

Ø 102 mm - Ø 356 mm

Temperature Range

-30°C / +150°C

Operating Pressure

Max. 5.000 Pa

Standard Length

10 m

Fire Classification

Flame Retardant (M1)

CSTB
le futur en construction
M1

DAKKS

UNICERT
ISO 9001

UNICERT
QUALITY

eco
label

WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

eco
label

TSE

VENTUS RUBBER



fully laminated

Self-isolated product technology.



rubber

Fully laminated coated rubber insulation material on the duct



flame retardant

CSTB M1 certified



Add-on Features



sono

Perforated inner surface designed for sound insulation.




hygienic


According to the results of Ekoteks laboratory, it has 99.9% antimicrobial properties.





guard

It plays an active role in protection from the danger of coronavirus.

 Fully lamination prevents the product from gathering or dusting and forming a thermal bridge.

 It can be customized according to different use cases with its design that allows modification.


 This product, which is flame-retardant (M1) from the factory, withstands a pressure of 5.000 Pa according to TSE standards.

 VENTUS is airtight, resistant to stretching and impact.

 Standard packaging is 7,5 meters.

 It is unique in its field thanks to its fully laminated self-isolation.

 It is an environmentally friendly product produced within the framework of the Flexiva sustainability program.

 It is not affected by humidity and does not cause allergic effects.

Material
Aluminum + Polyester

Insulation Material
Rubber - 6 mm 35 kg/m³

Outer Jacket
Aluminum + Polyester

Operating Air Velocity
30 m/s

Diameter Range
Ø 102 mm - Ø 610 mm

Temperature Range
-30°C / +150°C

Operating Pressure
Max. 5.000 Pa

Standard Length
7,5 m

Fire Classification
Flame Retardant (M1)

VENTUS POLYETHYLENE



fully laminated

Self-isolated product technology.



polyethylene

Fully laminated coated polyethylene insulation material on the duct



Add-on Features



sono

Perforated inner surface designed for sound insulation.



hygienic

According to the results of Ekoteks laboratory, it has 99.9% antimicrobial properties.




guard


It plays an active role in protection from the danger of coronavirus.


VENTUS

POLYETHYLENE

FULLY LAMINATED ALUMINUM FLEXIBLE AIR DUCT

 Fully lamination prevents the product from gathering or dusting and forming a thermal bridge.


 It can be customized according to different use cases with its design that allows modification.


 Withstands a pressure of 5.000 Pa according to TSE standards.

 VENTUS is airtight, resistant to stretching and impact.

 Standard packaging is 7,5 meters.

 It is unique in its field thanks to its fully laminated self-isolation.

 It is an environmentally friendly product produced within the framework of the Flexiva sustainability program.

 It is not affected by humidity and does not cause allergic effects.

Material

Aluminum + Polyester

Insulation Material

Polyethylene - 6 mm 55 kg/m³

Outer Jacket

Aluminum + Polyester

Operating Air Velocity

30 m/s

Diameter Range

Ø 102 mm - Ø 610 mm

Temperature Range

-30°C / +150°C

Operating Pressure

Max. 5.000 Pa

Standard Length

7,5 m

Fire Classification

-



Breathe Healthy!



Test Method: ISO 22196 : 2011

Microorganism: Escherichia coli ATCC 8739 Gram (-)



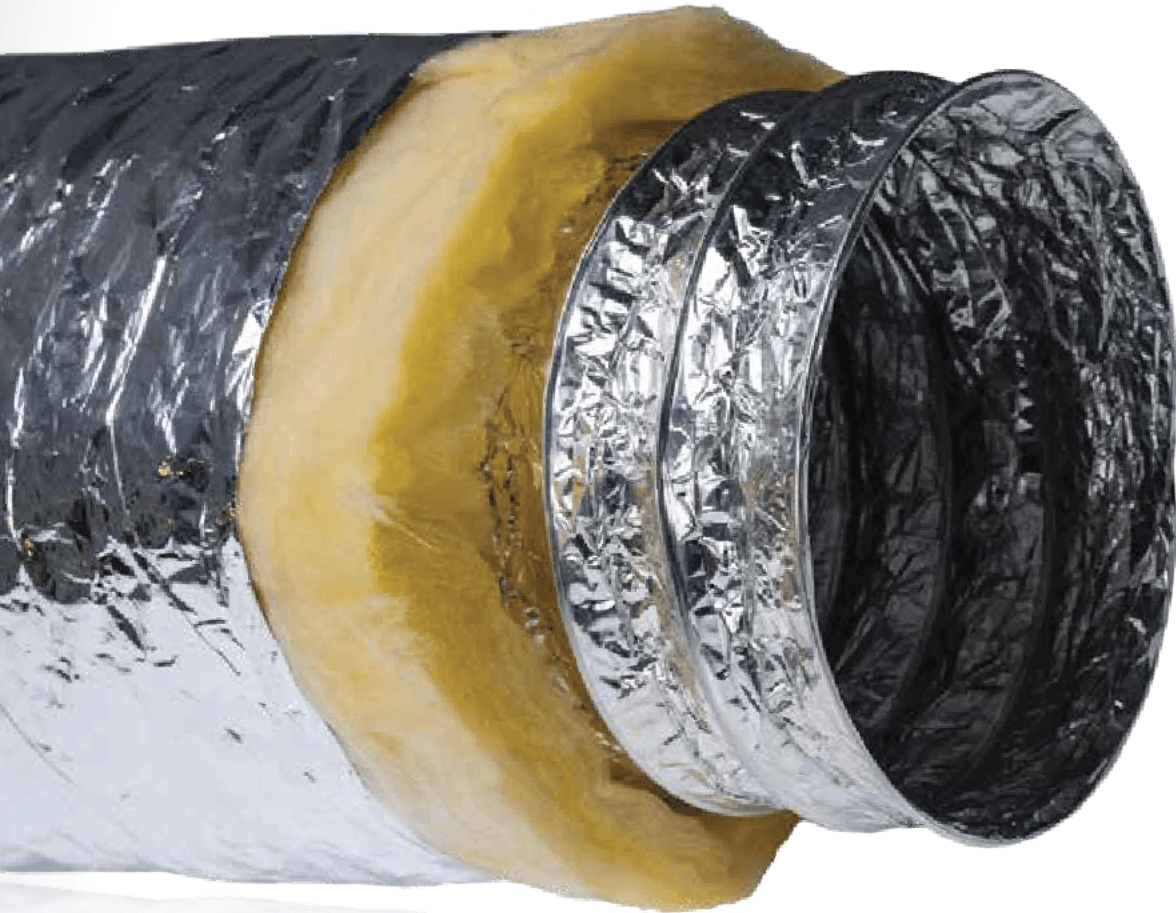
HYGIENIC

Hygienic products are **%99,9 antimicrobial** according to Ekoteks Laboratory results, thanks to the special inner coating.



insulated

Heat insulation design



Add-on Features



sono

Perforated inner surface designed for sound insulation.



hygienic

According to the results of Ekoteks laboratory, it has 99.9% antimicrobial properties.



guard

It plays an active role in protection from the danger of coronavirus.



uninsulated

Standard flexible air duct



ALUMINUM FLEXIBLE AIR DUCT



It can be customized according to different use cases with its design that allows modification.



Withstands a pressure of 5.000 Pa according to TSE standards.



AIR is airtight, resistant to stretching and impact.



Standard packaging is 10 meters. Varies according to customer demand.



It is an environmentally friendly product produced within the framework of the Flexiva sustainability program.



It is not affected by humidity and does not cause allergic effects.



Standard insulation material is glasswool 25 mm (R-4.2). Can also be 40 mm (R-6), 50 mm (R-8) and fiberwool according to customer demand.

Material

Aluminum + Polyester

Insulation Material

Glasswool - 16 kg/m³

Outer Jacket

Aluminum + Polyester

Operating Air Velocity

30 m/s

Diameter Range

Ø 76 mm - Ø 610 mm

Temperature Range

-30°C / +80°C

Operating Pressure

Max. 5.000 Pa

Standart Length

10 m

Fire Classification

-



TS EN 13180

AIR+



insulated

Heat insulation design



Add-on Features



sono

Perforated inner surface designed for sound insulation.



hygienic

According to the results of Ekoteks laboratory, it has 99.9% antimicrobial properties.



guard

It plays an active role in protection from the danger of coronavirus.



uninsulated

Standard flexible air duct



ALUMINUM FLEXIBLE AIR DUCT



It can be customized according to different use cases with its design that allows modification.



Withstands a pressure of 5.000 Pa according to TSE standards.



AIR Plus is airtight, resistant to stretching and impact.



Standard packaging is 10 meters. Varies according to customer demand.



It is an environmentally friendly product produced within the framework of the Flexiva sustainability program.



It is not affected by humidity and does not cause allergic effects.



Standard insulation material is glasswool 25 mm (R-4.2). Can also be 40 mm (R-6), 50 mm (R-8) and fiberwool according to customer demand.

Material

Aluminum + Polyester

Insulation Material

Glasswool - 16 kg/m³

Outer Jacket

Aluminum + Polyester

Operating Air Velocity

30 m/s

Diameter Range

Ø 76 mm - Ø 610 mm

Temperature Range

-30°C / +120°C

Operating Pressure

Max. 5.000 Pa

Standart Length

10 m

Fire Classification

-



TS EN 13180

12.000 m² of manufacturing facilities

Flexiva Flexible Air Ducts are manufactured in ISIL Inc.'s 12.000 m² facility in Istanbul. Besides its great national marketshare, Flexiva's products are exported to more than 50 countries worldwide.

R&D and Innovation

The entire Flexiva product line and its production technology have been developed with its strong R&D department. This development continues with new technological investments, within the framework of IŞIL Inc.'s understanding of "Sustainable Development". This approach provides Flexiva with the position of "the market's leading innovation-oriented brand".



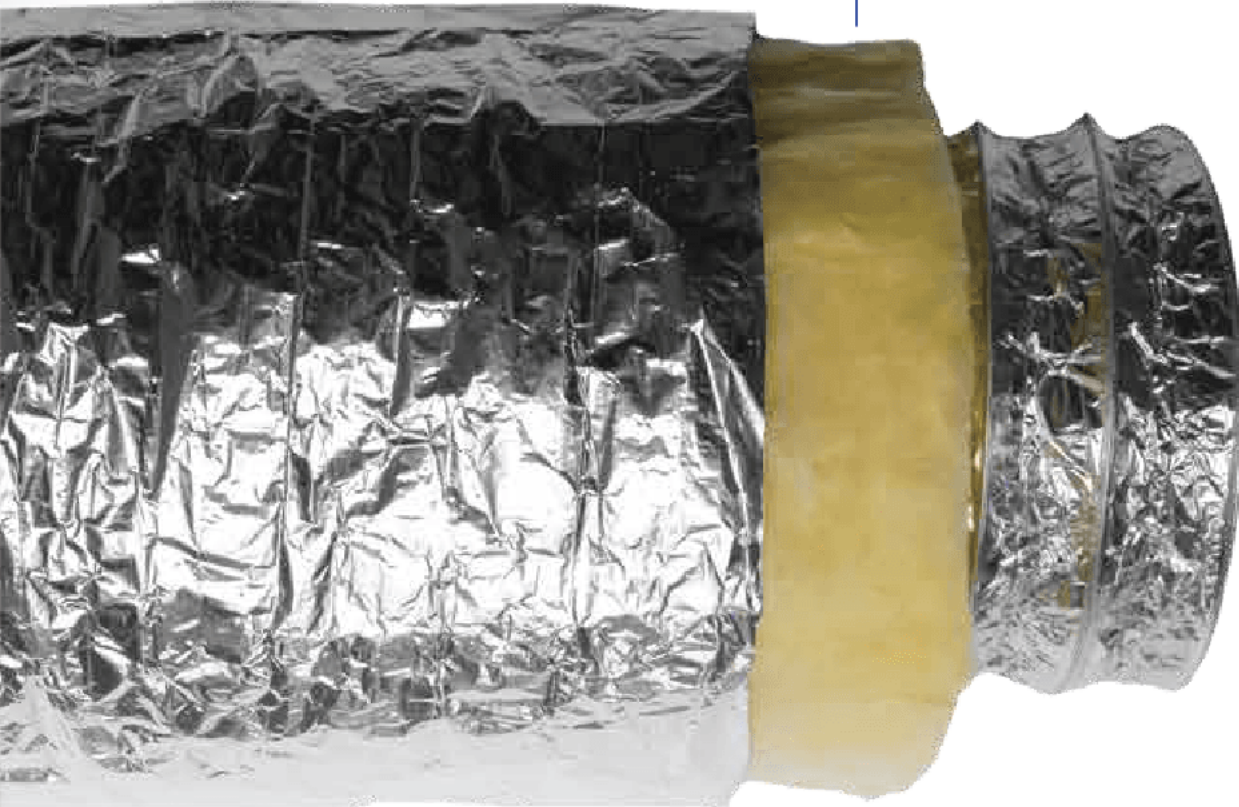
flame retardant

CSTB M1 certified



insulated

Heat insulation design



Add-on Features



sono

Perforated inner surface designed for sound insulation.



hygienic

According to the results of Ekoteks laboratory, it has 99.9% antimicrobial properties.



guard

It plays an active role in protection from the danger of coronavirus.



uninsulated

Standard flexible air duct



FLAME RETARDANT ALUMINUM FLEXIBLE AIR DUCT



It can be customized according to different use cases with its design that allows modification.



This product, which is flame-retardant (M1) from the factory, withstands a pressure of 5.000 Pa according to TSE standards.



SKY is airtight, resistant to stretching and impact.



Standard packaging is 10 meters. Varies according to customer demand



It is an environmentally friendly product produced within the framework of the Flexiva sustainability program.



It is not affected by humidity and does not cause allergic effects.



Standard insulation material is glasswool 25 mm (R-4.2). Can also be 40 mm (R-6), 50 mm (R-8) and fiberwool according to customer demand.

Material

Aluminum + Polyester

Insulation Material

Glasswool - 16kg/m³

Outer Jacket

Aluminum + Polyester

Operating Air Velocity

30 m/s

Çap Aralığı

Ø 76 mm - Ø 610 mm

Temperature Range

-30°C / +150°C

Operating Pressure

Max. 5.000 Pa

Standart Length

10 m

Fire Classification

Flame Retardant (M1)



EN 13501-1C-s1,d0



TS EN 13180

BS 476 PART 7&20





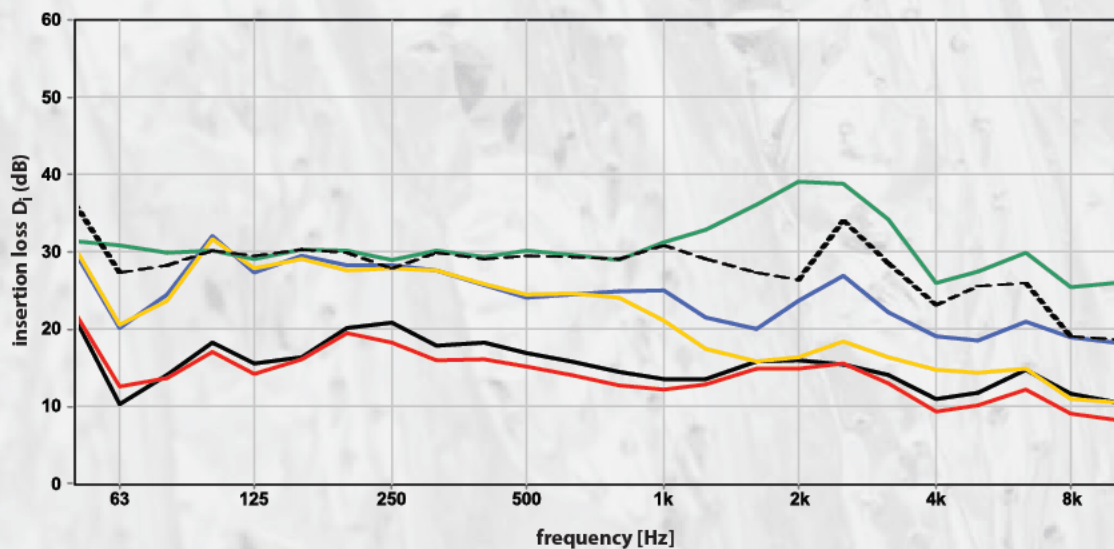


SONO

Flexible air ducts that **provide sound insulation** thanks to their perforated designs on their inner surfaces.

NR.	Rec-Nr.	DESCRIPTION
2	#72	invoeg; Flexiva Sky Sono 1,1 m rond 203 (flush rond 200)
3	#73	invoeg; Flexiva Fly Sono 1,1 m rond 203 (flush rond 200)
4	#74	invoeg; Flexiva Sky Sono 2 m rond 203 (flush rond 200)
5	#75	invoeg; Flexiva Fly Sono 2 m rond 203 (flush rond 200)
6	#76	invoeg; Flexiva Sky Sono 3 m rond 203 (flush rond 200)
7	#77	invoeg; Flexiva Fly Sono 3 m rond 203 (flush rond 200)

Rec.nr	13,3	16,6	19,4	16,9	13,8	15,7	12,1	11,9	dB
#72	13,3	16,6	19,4	16,9	13,8	15,7	12,1	11,9	dB
#73	14,5	15,6	17,6	15,1	12,6	15,1	10,5	9,5	dB
#74	23,3	29,2	28,1	24,7	23,5	22,6	19,6	19,2	dB
#75	23,4	29,2	27,6	24,9	20,0	16,7	15,0	11,7	dB
#76	30,6	29,8	29,7	29,7	30,7	37,8	28,0	26,6	dB
#77	29,2	30,0	29,1	29,3	29,5	28,2	25,2	20,2	dB





fireproof

CSTB M0 certified



insulated

Heat insulation design



Add-on Features



sono

Perforated inner surface designed for sound insulation.



hygienic

According to the results of Ekoteks laboratory, it has 99.9% antimicrobial properties.



guard

It plays an active role in protection from the danger of coronavirus.



uninsulated

Standard flexible air duct



FIREPROOF ALUMINUM FLEXIBLE AIR DUCT



It can be customized according to different use cases with its design that allows modification.



This product, which is fireproof (M0) from the factory, withstands a pressure of 5.000 Pa according to TSE standards.



FLY is airtight, resistant to stretching and impact.



Standard packaging is 10 meters.
Varies according to customer demand



It is an environmentally friendly product produced within the framework of the Flexiva sustainability program.



It is not affected by humidity and does not cause allergic effects.



Standard insulation material is glasswool 25 mm (R-4.2). Can also be 40 mm (R-6), 50 mm (R-8) and fiberwool according to customer demand.

Material

Aluminum + Polyester

Insulation Material

Glasswool - 16kg/m³

Outer Jacket

Aluminum + Polyester

Operating Air Velocity

30 m/s

Diameter Range

Ø 76 mm - Ø 610 mm

Temperature Range

-30°C / +250°C

Operating Pressure

Max. 5.000 Pa

Standart Length

10 m

Fire Classification

Fireproof (M0)





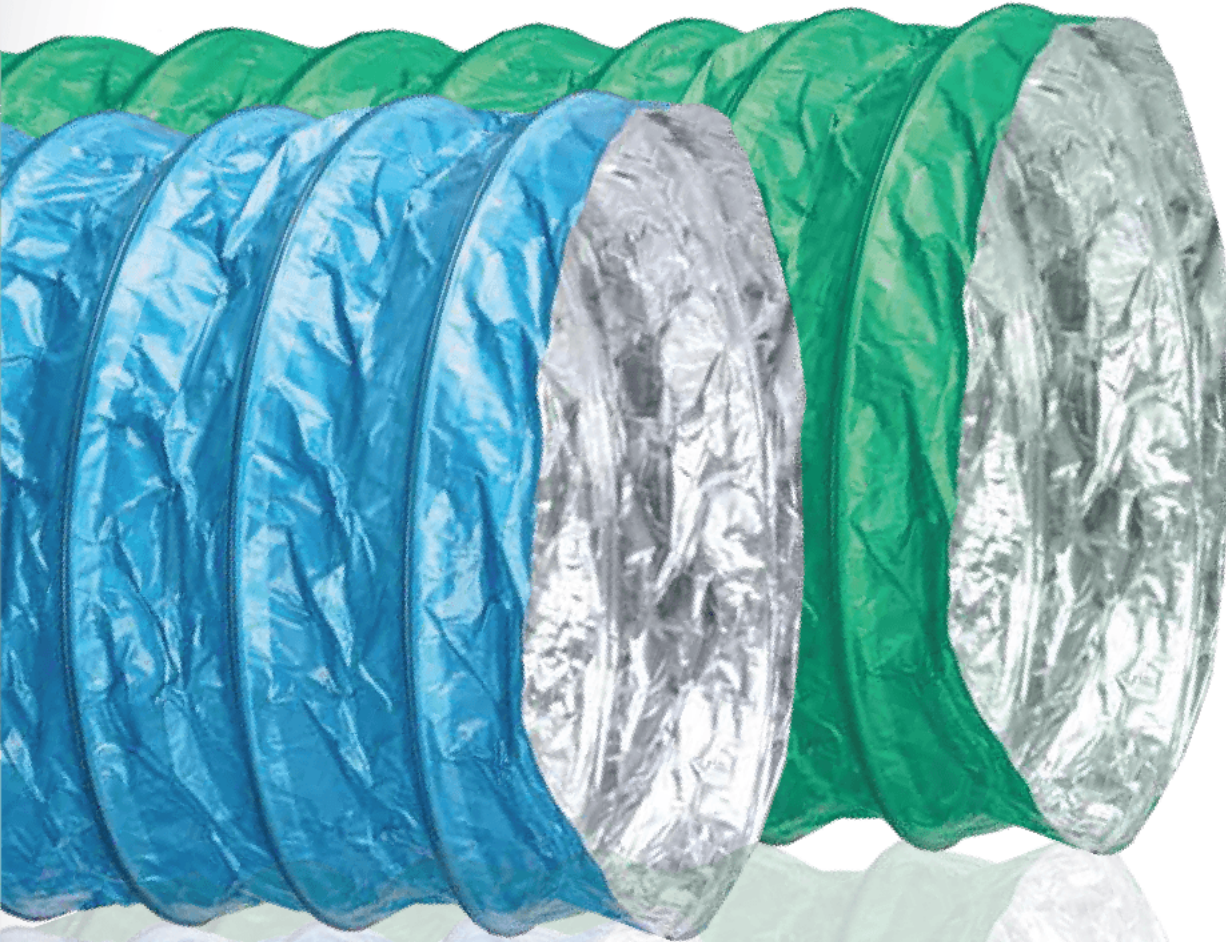
Color Ducts

Colored outer coating



uninsulated

Standard flexible air duct



Add-on Features



hygienic

According to the results of Ekoteks laboratory, it has 99.9% antimicrobial properties.



guard

It plays an active role in protection from the danger of coronavirus.



COLOR ALUMINUM FLEXIBLE AIR DUCT



It can be customized according to different use cases with its design that allows modification.



Withstands a pressure of 2.500 Pa according to TSE standards.



SHOW is airtight, resistant to stretching and impact.



Standard packaging is 10 meters. Varies according to customer demand



It is an environmentally friendly product produced within the framework of the Flexiva sustainability program.



It is not affected by humidity and does not cause allergic effects.

Material
Aluminum + Polyester

Insulation Material
-

Outer Jacket
-

Operating Air Velocity
30 m/s

Diameter Range
Ø 76 mm - Ø 610 mm

Temperature Range
-30°C / +80°C

Operating Pressure
Max. 2.500 Pa

Standart Length
10 m

Fire Classification
-



TS EN 13180

META



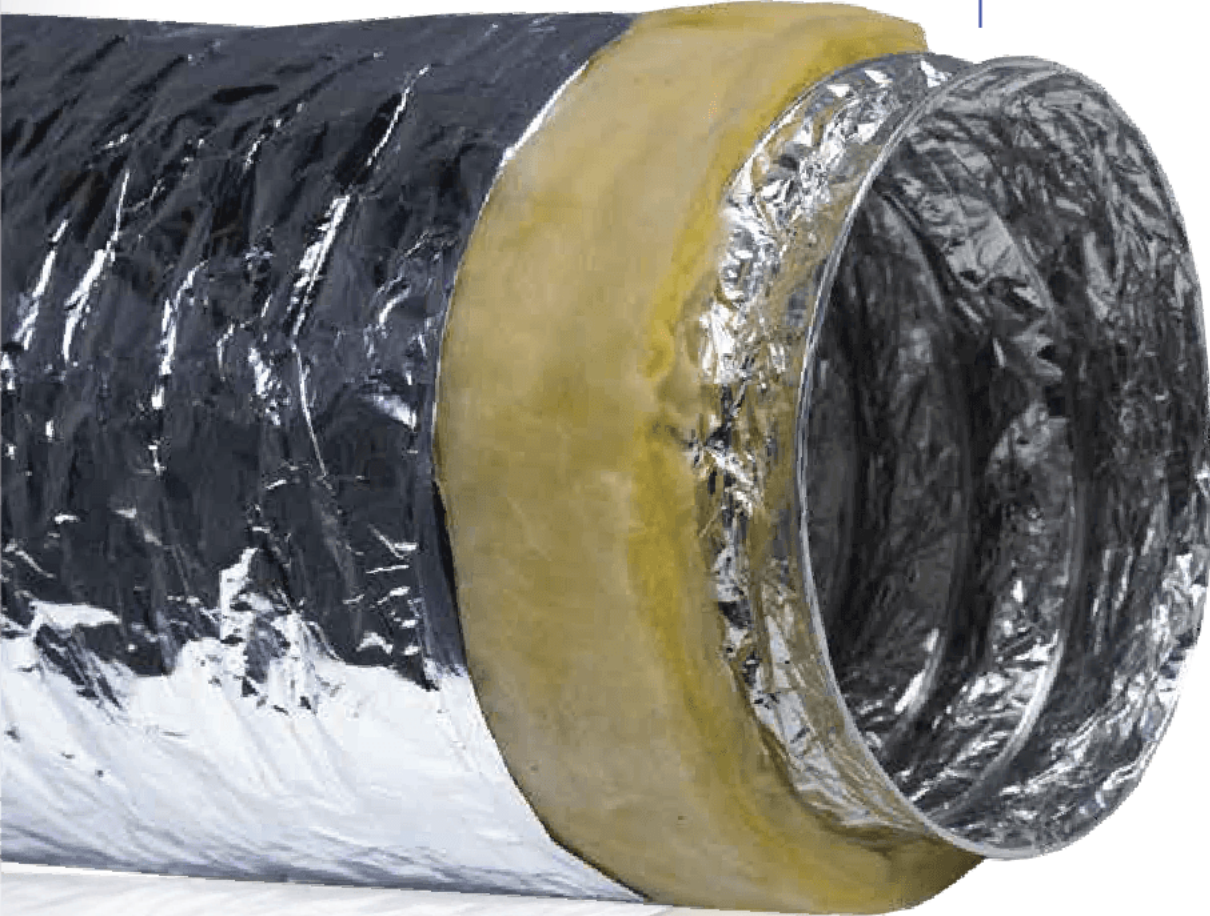
insulated

Heat insulation design



economic

High quality with affordable prices.



Add-on Features



sono

Perforated inner surface designed for sound insulation.



hygienic

According to the results of Ekoteks laboratory, it has 99.9% antimicrobial properties.



guard

It plays an active role in protection from the danger of coronavirus.



uninsulated

Standard flexible air duct



ECONOMIC METALLIZED POLYESTER FLEXIBLE AIR DUCT



It can be customized according to different use cases with its design that allows modification.



Withstands a pressure of 2.500 Pa according to TSE standards.



META is airtight, resistant to stretching and impact.



Standard packaging is 10 meters. Varies according to customer demand.



It is an environmentally friendly product produced within the framework of the Flexiva sustainability program.



It is not affected by humidity and does not cause allergic effects.



Standard insulation material is glasswool 25 mm (R-4.2). Can also be 40 mm (R-6), 50 mm (R-8) and fiberwool according to customer demand.

Material
Metallized Polyester

Insulation Material
Glasswool - 16 kg/m³

Outer Jacket
Metallized Polyester

Operating Air Velocity
30 m/s

Diameter Range
Ø 76 mm - Ø 610 mm

Temperature Range
-30°C / +80°C

Operating Pressure
Max. 2.500 Pa

Standart Length
10 m

Fire Classification
-



TS EN 13180



insulated

Heat insulation design



Add-on Features



uninsulated

Standard flexible air duct



PVC FLEXIBLE AIR DUCT (70 MICRON)



It can be customized according to different use cases with its design that allows modification.



Withstands a pressure of 2.500 Pa according to TSE standards.



JOY is airtight, resistant to stretching and impact.



Standard packaging is 6 meters. Varies according to customer demand.



It is an environmentally friendly product produced within the framework of the Flexiva sustainability program.



It is not affected by humidity and does not cause allergic effects.



Standard insulation material is glasswool 25 mm (R-4.2). Can also be 40 mm (R-6), 50 mm (R-8) and fiberwool according to customer demand.

Material

PVC - 70 micron

Insulation Material

Glasswool - 16 kg/m³

Outer Jacket

LDPE Film - 45 micron

Operating Air Velocity

30 m/s

Diameter Range

Ø 76 mm - Ø 610 mm

Temperature Range

-30°C / +80°C

Operating Pressure

Max. 2.500 Pa

Standart Length

6 m

Fire Classification

-



TS EN 13180

✓JOY+



insulated

Heat insulation design



Add-on Features



uninsulated

Standard flexible air duct



PVC FLEXIBLE AIR DUCT (100 MICRON)



It can be customized according to different use cases with its design that allows modification.



Withstands a pressure of 2.500 Pa according to TSE standards.



JOY PLUS is airtight, resistant to stretching and impact.



Standard packaging is 10 meters. Varies according to customer demand.



It is an environmentally friendly product produced within the framework of the Flexiva sustainability program.



It is not affected by humidity and does not cause allergic effects.



Standard insulation material is glasswool 25 mm (R-4.2). Can also be 40 mm (R-6), 50 mm (R-8) and fiberwool according to customer demand.

Material

PVC - 100 micron

Insulation Material

Glasswool - 16 kg/m³

Outer Jacket

LDPE Film - 90 micron

Operating Air Velocity

30 m/s

Diameter Range

Ø 76 mm - Ø 610 mm

Temperature Range

-30°C / +80°C

Operating Pressure

Max. 2.500 Pa

Standart Length

10 m

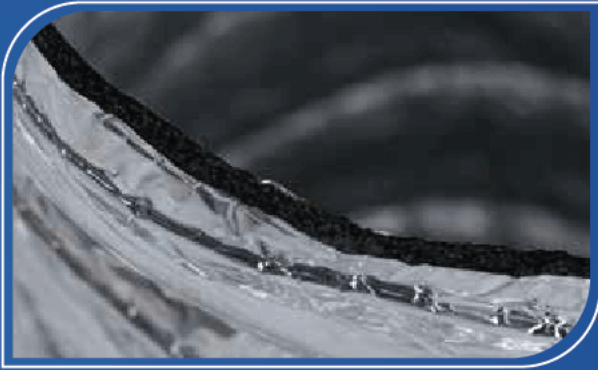
Fire Classification

-

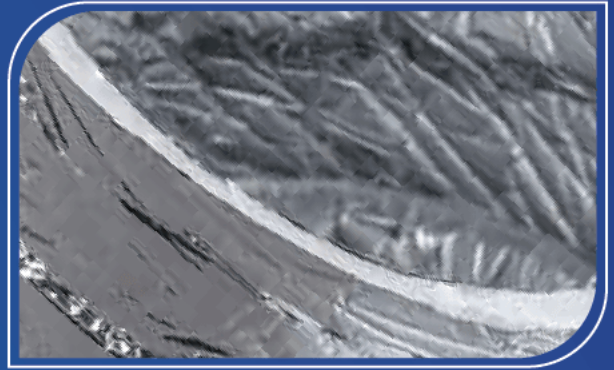


TS EN 13180

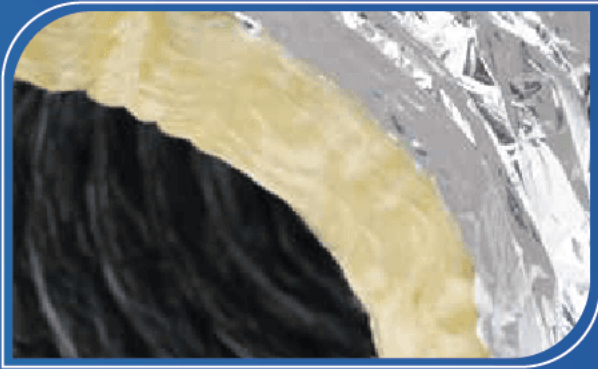
INSULATION



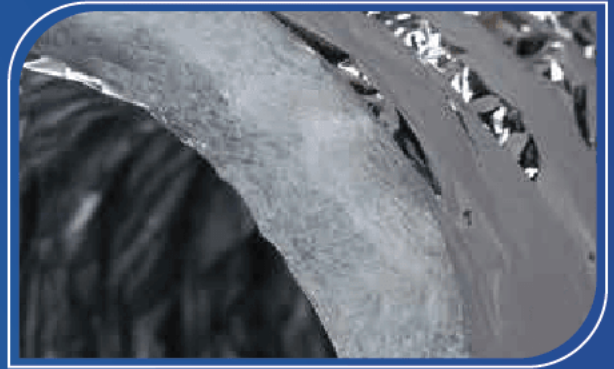
rubber



polyethylene



glasswool



fiberwool

Features that provide thermal insulation with rubber, polyethylene, glass wool or fiber insulation

BLACK

Black outer coating for cosmetic purposes.

 AIR

 AIR+

 SKY

 FLY

 META

 NONWAD



NONWAD



insulated

Heat insulation design



polypropylene

Non-woven Polypropylene
fabric cloth



Add-on Features



uninsulated

Standard flexible air duct



NON-WOVEN POLYPROPYLENE FABRIC CLOTH FLEXIBLE AIR DUCT



It can be customized according to different use cases with its design that allows modification.



Withstands a pressure of 2.500 Pa according to TSE standards.



NONWAD is resistant to stretching and impact.



Standard packaging is 10 meters. Varies according to customer demand.



It is an environmentally friendly product produced within the framework of the Flexiva sustainability program.



It is not affected by humidity and does not cause allergic effects.



Standard insulation material is glasswool 25 mm (R-4.2). Can also be 40 mm (R-6), 50 mm (R-8) and fiberwool according to customer demand.

Material

Non-woven Polypropylene fabric cloth

Insulation Material

Glasswool - 16 kg/m³

Outer Jacket

Aluminum + Polyester

Operating Air Velocity

25 m/s

Diameter Range

Ø 76 mm - Ø 610 mm

Temperature Range

-30°C / +140°C

Operating Pressure

Max. 2.500 Pa

Standart Length

10 m

Fire Classification

-



TS EN 13180



moisture barrier

Exterior surface that is not affected by moisture



uninsulated

Standard flexible air duct





MOISTURE BARRIER PVC + ALUMINUM FLEXIBLE AIR DUCT



It can be customized according to different use cases with its design that allows modification.



Withstands a pressure of 5.000 Pa according to TSE standards.



COMBI is airtight, resistant to stretching and impact.



Standard packaging is 10 meters. Varies according to customer demand



It is an environmentally friendly product produced within the framework of the Flexiva sustainability program.



It is not affected by humidity and does not cause allergic effects.

Material
Aluminum + PVC

Insulation Material
-

Outer Jacket
-

Operating Air Velocity
30 m/s

Diameter Range
Ø 76 mm - Ø 610 mm

Temperature Range
-30°C / +120°C

Operating Pressure
Max. 5.000 Pa

Standart Length
10 m

Fire Classification
-



TS EN 13180



insulated

Heat insulation design



300 denier PVC

300 denier, particle and tear-resistant inner duct



Add-on Features



uninsulated

Standard flexible air duct



PARTICLE RESISTANT FLEXIBLE AIR DUCT (300 DENIER)



It can be customized according to different use cases with its design that allows modification.



Withstands a pressure of 10.000 Pa according to TSE standards.



ESSI is airtight, resistant to stretching and impact.



Standard packaging is 10 meters. Varies according to customer demand



It is an environmentally friendly product produced within the framework of the Flexiva sustainability program.



It is not affected by humidity and does not cause allergic effects.



Standard insulation material is glasswool 25 mm (R-4.2). Can also be 40 mm (R-6), 50 mm (R-8) and fiberwool according to customer demand.

Material

PVC-300 denier polyester fabric

Insulation Material

Glasswool - 16 kg/m³

Outer Jacket

Aluminum + Polyester / PVC

Operating Air Velocity

30 m/s

Diameter Range

Ø 76 mm - Ø 610 mm

Temperature Range

-30°C / +80°C

Operating Pressure

Max. 10.000 Pa

Standart Length

10 m

Fire Classification

-



TS EN 13180

SHIELD



insulated

Heat insulation design



750 denier PVC

750 denier, particle and tear-resistant inner duct



Add-on Features



uninsulated

Standard flexible air duct

SHIELD

PARTICLE RESISTANT FLEXIBLE AIR DUCT (750 DENIER)



It can be customized according to different use cases with its design that allows modification.



Withstands a pressure of 10.000 Pa according to TSE standards.



SHIELD is airtight, resistant to stretching and impact.



Standard packaging is 10 meters. Varies according to customer demand



It is an environmentally friendly product produced within the framework of the Flexiva sustainability program.



It is not affected by humidity and does not cause allergic effects.



Standard insulation material is glasswool 25 mm (R-4.2). Can also be 40 mm (R-6), 50 mm (R-8) and fiberwool according to customer demand.

Material

PVC-750 denier polyester fabric

Insulation Material

Glasswool - 16 kg/m³

Outer Jacket

Aluminum + Polyester / PVC

Operating Air Velocity

30 m/s

Diameter Range

Ø 76 mm - Ø 610 mm

Temperature Range

-30°C / +80°C

Operating Pressure

10.000 Pa

Standart Length

10 m

Fire Classification

-



TS EN 13180

11 PATENT

We carry forward our principle of continuous development, with our R&D studies.
With our production machines and two product lines in our product range,
we have 11 patents in total.





Never-ending R&D Adventure

Acting with the principle of "Continuous Development", which is one of its main values since the beginning of its journey, Flexiva has always aimed beyond the limits drawn by the sector. In this way, Flexiva R&D team has managed to obtain 11 patents as of today. Flexiva, which will continue the same mission in the future, will sign more patents, more groundbreaking products that will determine the future of the industry, and will continue to be the technology leader of the industry.

CONNECTORS



flame retardant

PVC CONNECTOR

CONNECTORS

Connector with 750 denier PVC material, galvanized or stainless steel sheet options for use in duct applications.



0,40 mm galvaniz / stainless sheet,
750-PVC denier polyester fabric



This product, which is flame retardant from the factory, is resistant to temperatures up to 80°C.



Airtight, resistant to stretching and impact.



PVC Connector product is airtight and resistant to UV rays.



Standard packaging is 25 meters.



It is an environmentally friendly product produced within the framework of the Flexiva sustainability program.



It is not affected by humidity and does not cause allergic effects.

Material
PVC

Sheet
Galvanise / Stainless

Temperature Range
-30°C / +80°C

Standart Length
25 m

Fire Classification
Flame Retardant

CONNECTORS

A close-up, high-angle photograph of a metal connector strip. The strip is dark grey or black with a series of gold-plated contacts along its length. The strip is curved, and the background is a blurred, textured surface, possibly a fabric or a metal plate. The lighting is dramatic, highlighting the metallic surfaces and the gold contacts.

CANVAS CONNECTOR

CONNECTORS

Connector with moisture-proof canvas weaving, galvanized or stainless steel options for use in duct applications.



0,40 mm galvaniz / stainless sheet,
500 gr/m² moisture-proof canvas woven
fabric



Is resistant to temperatures up to 80°C.



Airtight, resistant to stretching and
impact.



Canvas Connector product is airtight and
resistant to UV rays.



Standard packaging is 25 meters.



It is an environmentally friendly product
produced within the framework of the
Flexiva sustainability program.



It is not affected by humidity and does
not cause allergic effects.

Material
Canvas

Sheet
Galvaniz / Stainless

Temperature Range
-30°C / +80°C

Standart Length
25 m

Fire Classification
-

CONNECTORS



fireproof

500 C°

SILICON FIREPROOF CONNECTOR

CONNECTORS

Connector with fireproof and moisture-proof glass fiber woven canvas material, galvanized or stainless steel sheet options for use in duct applications.



570 gr/m² Silicon coated on both sides, fireproof and moisture proof glass fiber woven fabric



This product, which is fireproof from the factory, is resistant to temperatures up to 260°C.



Airtight, resistant to stretching and impact.



Silicon Fireproof Connector product is airtight and resistant to UV rays.



Standard packaging is 25 meters.



It is an environmentally friendly product produced within the framework of the Flexiva sustainability program.



It is not affected by humidity and does not cause allergic effects.

Material
Silicon

Sheet
Galvaniz / Stainless

Temperature Range
-30°C / +260°C

Standart Length
25 m/ kutu

Fire Classification
Fireproof

CONNECTORS



fireproof

500 C°

PU FIREPROOF CONNECTOR

CONNECTORS

Connector with PU material on both sides, galvanized or stainless steel options for use in duct applications.



530 gr/m² PU coated on both sides, fireproof and moisture proof glass fiber woven fabric



This product, which is fireproof from the factory, is resistant to temperatures up to 100°C.



Airtight, resistant to stretching and impact.



PU Fireproof Connector product is airtight and resistant to UV rays.



Standard packaging is 25 meters.



It is an environmentally friendly product produced within the framework of the Flexiva sustainability program.



It is not affected by humidity and does not cause allergic effects.

Material
Polyurethane

Sheet
Galvaniz / Stainless

Temperature Range
-30°C / +100°C

Standart Length
25 m

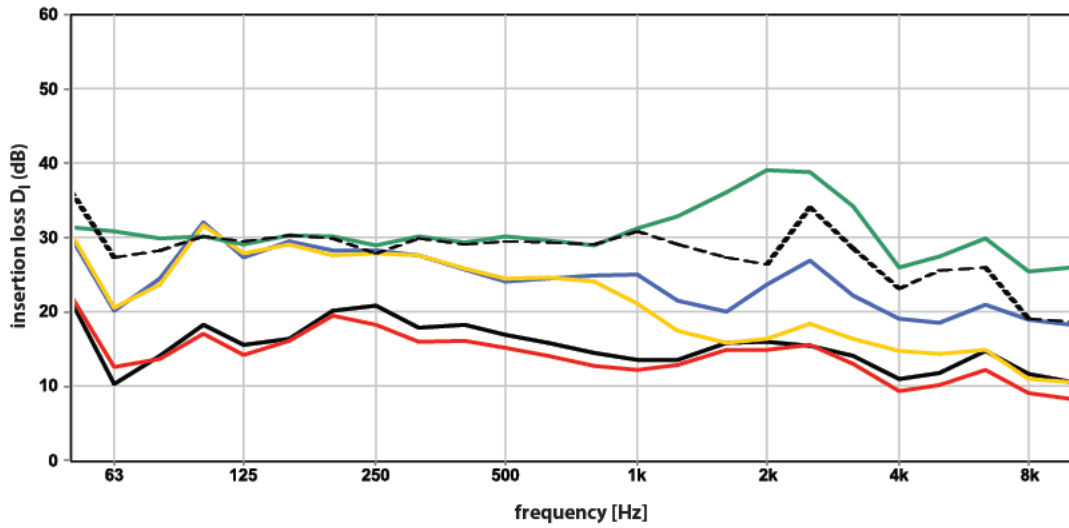
Fire Classification
Fireproof

SILENCER

Applicable Products



Standart Length
0,5 m / 1 m / 2 m



CERTIFICATES



This certificate is the classification that reports the reaction of the material to flame.



This certificate is the classification that reports the reaction of the material to flame.



UL 181 Section 11 certification is the safety standard for factory-made air ducts and connectors.



Italian Class 1 certificate is a certificate issued by the Italian Ministry of Interior according to the measurement of the flame resistance of the products.



Our products with Sono feature are certified for sound insulation.



Our hygienic certified products are 99,9% antimicrobial.



The EN 13501-1 European Standard is the standard that classifies the fire resistance and response of products and materials.



The EN 13501-1 European Standard is the standard that classifies the fire resistance and response of products and materials.



TS EN 13180

It is the standard for dimensions and mechanical properties for ventilation of buildings, air ducts and flexible ducts.



RoHS is the European Union's directive that restricts the use of hazardous substances in electrical and electronic equipment.



BS 476 PART 7&20

BS 476 is the British standard for combustion tests on building materials and structures.



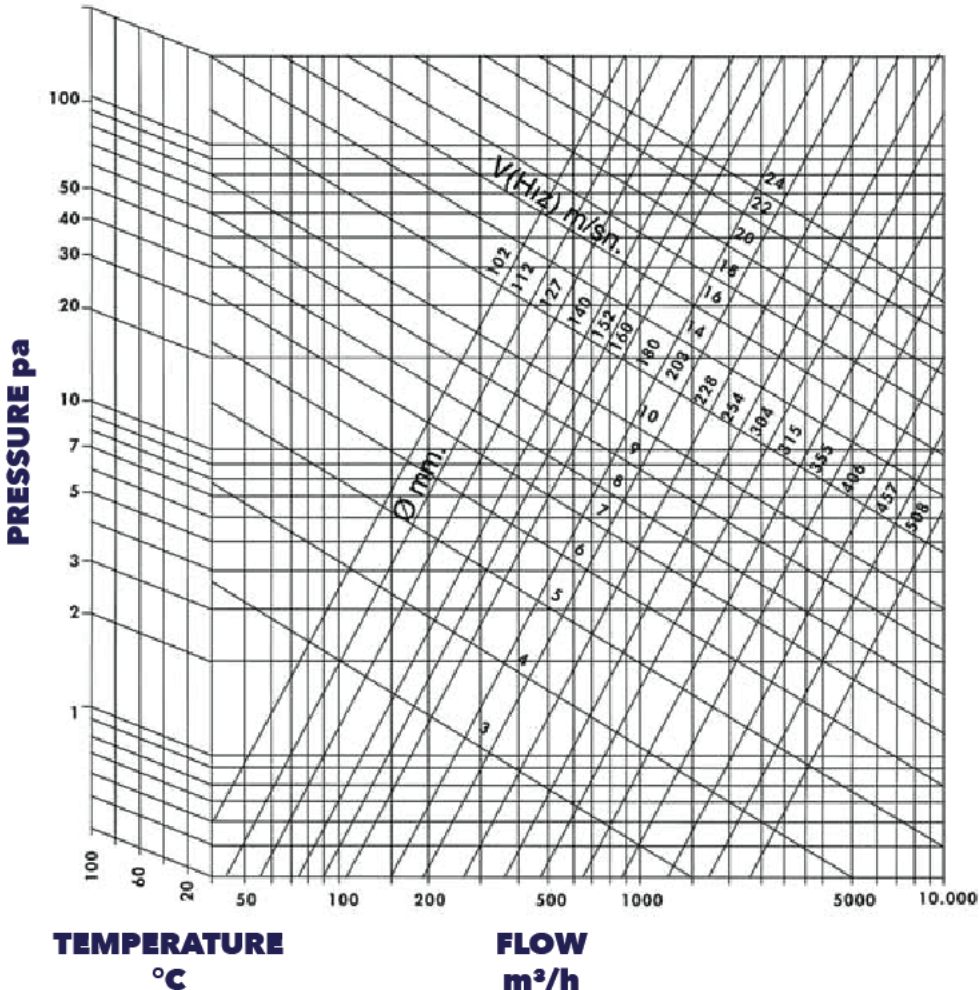
ISO 9001:2015

ISO 9001 is the international standard for quality control systems.



It is a certificate given to products produced in accordance with ecological product criteria.

PRESSURE LOSS DIAGRAM



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