



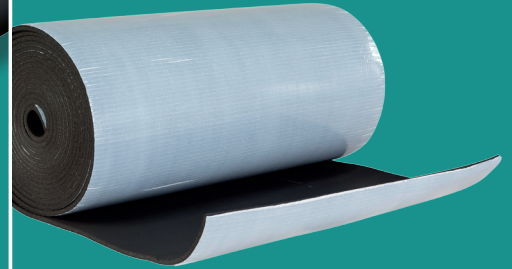
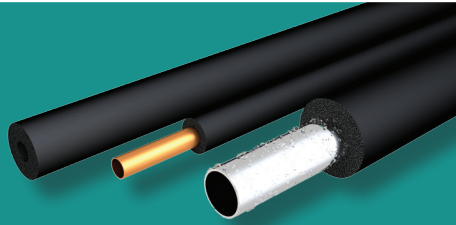
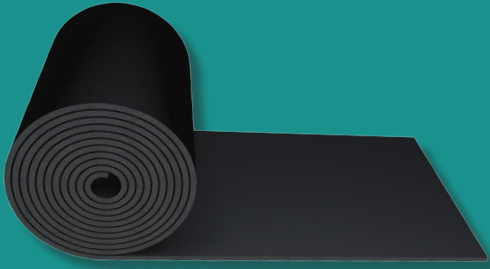
AZUR INSULATION

Smart Supply



AZURFLEX
Flexible Elastomeric Foam

SMART SUPPLY OF
TECHNICAL INSULATION





AZUR INSULATION
Smart Supply

About Us

AZUR INSULATION

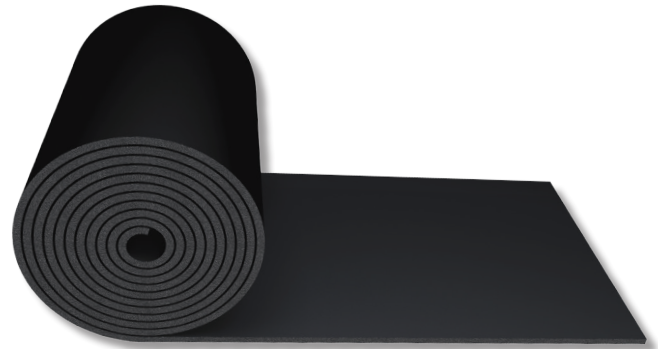
Azur Insulation has been founded in 2019 with the clear goal of fulfilling the high quality product and service needs of its customers spreading around the world. The founders have over 25 years of profound experience on production, distributor management, supply chain management, international logistics, trade regulations and competition as well as relevant product certification practices in global and local levels. Azur Insulation is an Entaş Endüstriyel A.Ş affiliate and headquartered in Istanbul/Turkey.

The company has segmented its activities mainly on technical & building insulation and HVAC-R equipments. Existing and potential customers of Azur Insulation comprise direct importers and distributors, wholesalers and MEP contractors which constantly utilize products and services from a reliable source within a sustainable fruitful relation.

Exceptional functional, operational and technical expertise coupled with extensive industry knowledge makes Azur Insulation the ideal choice for a service and product provider company targeting long term collaboration with its customers.

AZURFLEX ROLLS

AZURFLEX flexible elastomeric foam rolls are available in different thicknesses and width. Low thermal conductivity, high water vapour diffusion resistance and B-s3-d0 fire resistance make it the most preferred insulation material in mechanical installations. Besides standard rolls, AZURFLEX rolls are produced in alu foiled, pvc/alu foiled and self-adhesive layers for protection against UV rays and efficient installation.



Technical Details	Standard	Unit	AZURFLEX
Thermal Conductivity Coefficient (λ)	EN 12667	W/m.K	0,032 (-20°C)
		W/m.K	0,034 (0°C)
		W/m.K	0,036 (20°C)
		W/m.K	0,038 (40°C)
		W/m.K	0,040 (+60°C)
Water Vapour Diffusion Resistance	EN 12086		$\mu \geq 7000$
Classification of Reaction to Fire	EN 13501-1		B – s3 – d0
Service Temperature	EN 14706	°C	-40 / +85
Soluble Chlorine Ion Levels	EN 13468		500
pH			6 – 8
Flexibility			Perfect
Ozone			Good
Percentage of Closed Cells		%	>90
Resistance to Chemical (Oils, Mineral Oils)			Good
Mold and Odor Formations			N / A
Outdoor applications	Needs protection against UV-radiation*		

(*): To protect against UV-induced deterioration AZURFLEX covered with a suitable UV resistant cladding system within 3 days of being installed outdoors.



Excellent Thermal Insulation



High Water Vapor Diffusion Resistance



Fire Safety



CFC-HCFC Free



Excellent Foam Cell Technology (EFCT)



Fiber Free



High Flexibility



Eco-Friendly

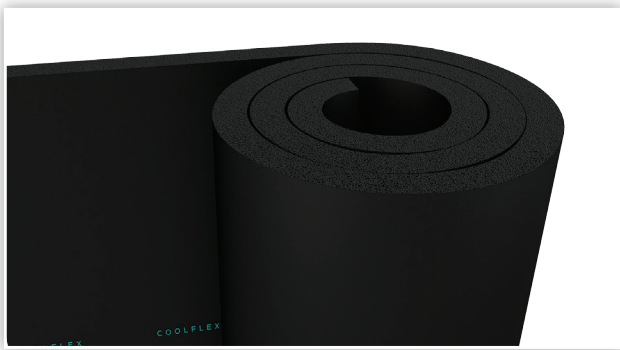


Energy Saving



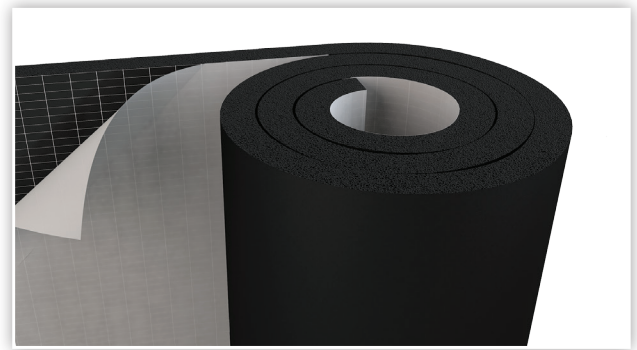
User Friendly Installation

AZURFLEX ROLLS



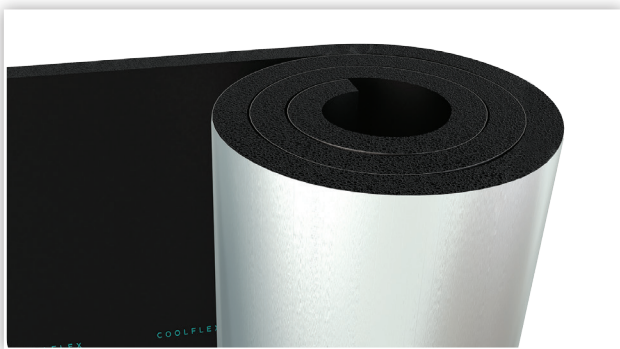
Flexible Elastomeric Foam
Insulation Rolls

AZURFLEX SA



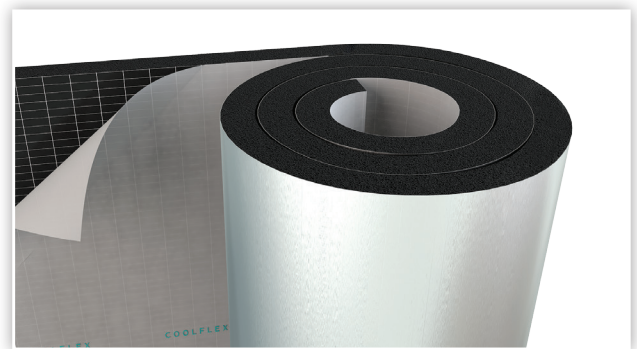
Self -Adhesive Flexible Elastomeric
Foam Insulation Rolls

AZURFLEX AF



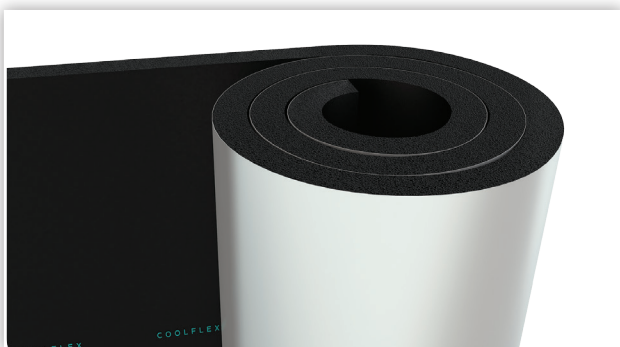
Aluminium Foil Faced
Flexible Elastomeric Foam Rolls

AZURFLEX AF - SA



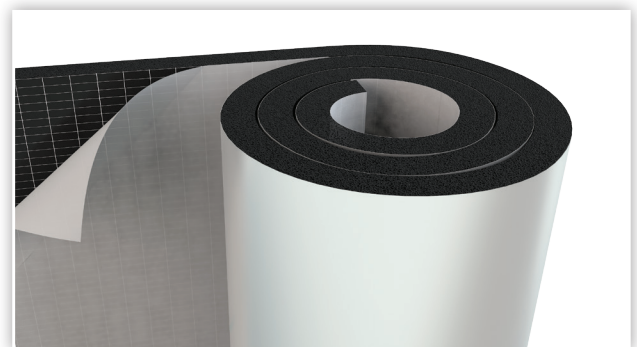
Aluminium Foil Faced Self-Adhesive
Flexible Elastomeric Foam Rolls

AZURFLEX AC



PVC + Aluminium Foil Faced
Flexible Elastomeric Foam Rolls

AZURFLEX AC - SA



PVC + Aluminium Foil Faced Self-Adhesive
Flexible Elastomeric Foam Rolls

Product Range

mm	1 mt	1,2 mt	1,5 mt
	m ² /Roll	m ² /Roll	m ² /Roll
6	30	36	45
9	24	28,8	36
10	20	24	30
13	14	16,8	21
19	10	12	15
25	8	9,6	12
32	6	7,2	9
40	4	4,8	6
50	4	4,8	6



Product Size Tolerances

Product	Height Tolerance	Width Tolerance	Thickness Tolerance		Pipe Inner Diameter (Di)	
			Thickness Range (mm)	Tolerance (mm)	Di ≤ 100	Di > 100
AZURFLEX Rolls	±%1,5	±%2	dD ≤ 6	± 1		
			6 < dD ≤ 19	± 1,5	—	—
			dD > 19	± 2		

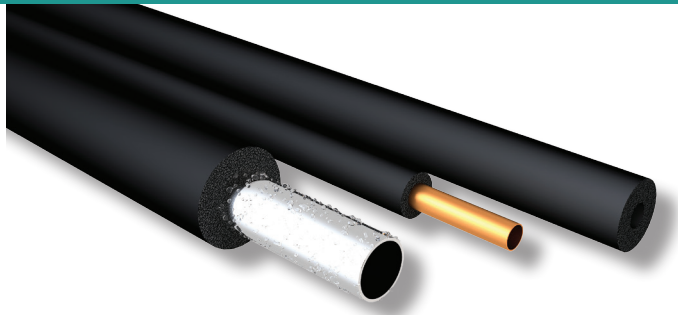
Comply with EN 14304 standard

Logistic Information

Packing	Width (cm)	Volume (m ³)
LDPE Bag	100	0,255
	120	0,305
	150	0,385

Vehicle	Truck			T.I.R	40 HC Container				
Volume	45 m ³			84 m ³	76 m ³				
Width (cm)	100	120	150	100	120	150	100	120	150
Quantity (rolls)	170 - 180	140 - 150	110 - 120	325 - 335	270 - 280	215 - 225	280 - 290	230 - 240	180 - 190

*Please ask for different package options.



AZURFLEX TUBES

AZURFLEX flexible elastomeric foam tubes are produced in different diameters and thickness for the purpose of proper and efficient installation. Also AZURFLEX tubes comply with BL-s2-d0 fire resistance standard. AZURFLEX tubes are widely used on refrigeration and air-conditioning pipework. AZURFLEX tubes are also used on hot/cold-water lines and chilled water systems

Technical Details	Standard	Unit	AZURFLEX Rolls
Thermal Conductivity Coefficient (λ)	EN 12667	W/m.K	0,039 (25°C)
		W/m.K	0,039 (40°C)
		W/m.K	0,040 (60°C)
		W/m.K	0,041 (80°C)
Water Vapour Diffusion Resistance	EN 12086		$\mu \geq 7000$
Classification of Reaction to Fire	EN 13501-1		BL – s2 – d0
Service Temperature	EN 14706	°C	Max.+120
Soluble Chlorine Ion Levels	EN 13468		500
pH	EN 13468		6 – 8
Flexibility			Perfect
Ozone			Good
Closed Cell Percentage		%	>90
Percentage of Closed Cells			Good
Mold and Odor Formations			N / A
Outdoor applications			Needs protection against UV-radiation*



Excellent Thermal Insulation



High Water Vapor Diffusion Resistance



Fire Safety



CFC-HCFC Free



Excellent Foam Cell Technology (EFC)



Fiber Free



High Flexibility



Eco-Friendly



Energy Saving



User Friendly Installation

TUBES



Product Range

			6 mm	9 mm	13 mm	19 mm	25 mm	32 mm
Copper inch	Steel inch	mm	mt/Box	mt/Box	mt/Box	mt/Box	mt/Box	mt/Box
1/4"		6	496	312	204			
5/16"		8	432	300	200			
3/8"	1/8"	10	364	276	180	98		
1/2"		12	316	252	156	88		
5/8"		15	266	204	120	78		
3/4"	3/8"	18	220	178	120	72	62	
7/8"	1/2"	22	180	136	98	66	56	28
1"		25 *	160	144	92	62	50	24
1 1/8"	3/4"	28	130	122	78	56	48	24
1 3/8"	1"	35	120	90	70	40	34	26
1 5/8"	1 1/4"	42	102	94	60	40	24	20
	1 1/2"	48		80	50	34	24	18
2 1/8"		54 *		62	40	34	24	16
2 3/8"	2"	60		62	40	34	20	16
		64 *		62	38	28	18	14
3"	2 1/2"	76		50	38	28	18	12
3 1/8"		80 *		48	34	22	18	12
3 1/2"	3"	89		48	34	22	18	12
		102 *		38	28	20	14	10
4 1/4"		108 *		32	26	12	14	8
4 1/2"	4"	114		32	26	18	14	10

Product Size Tolerances

Product	Height Tolerance	Width Tolerance	Thickness Tolerance		Pipe Inner Diameter (Di)	
			Thickness Range (mm)	Tolerance (mm)	Di ≤ 100	Di > 100
Tube (Standard)	±%1,5	-	dD ≤ 8	± 1		
			8 < dD ≤ 18	± 1,5	Di+1 ≤ Di ≤ Di +4	Di+1 ≤ Di ≤ Di +6
			18 < dD ≤ 31	± 2,5		
			dD > 31	± 3		

Comply with EN 14304 standard

Logistic Information

	Carton Box	Volume (m ³ / Box)
	380 X 330 X 2090 mm	0,27
Vehicle	T.I.R	40 HC Container
Volume	84 m ³	76 m ³
Quantity (rolls)	320 box	270 box



AzurBond is a contact adhesive with high adhesion strength.

Applicable between 5 to 38 °C
environmental temperature.

(Resistant till 70° C)



RUBBER AZURTAPE

Rubber AzurTape is used in order to join airducts and rubber rolls.
Besides, it is widely used in all rubber insulation applications.

Dimensions

3 x 50 mm x 15 mt

3 x 70 mm x 15 mt

3 x 100 mm x 15



PVC AZURTAPE

PVC AzurTape is used to cover the joining points of tubes
and rolls.

Dimensions

50 mm x 25 yrd



Aluminium Plain and Reinforced Tapes

Dimensions

50 mm x 30 mt

75 mm x 30 mt

100 mm x 30 mt





AZUR SOUND
Acoustic Foam

AZUR SOUND: Polyurethane based open cell product which uses for sound insulation and acoustic regulation. Having various variations such as Plain, Corrugated and Pyramid, AZUR SOUND is used mainly for air ducts, generator and compressor booths, indoor applications as fabric coated, acoustic insulation and regulation in automotive, with its open cell structure, flexibility and non-flammability features. Several lamination options, such as fabric, aluminium foil and artificial leather are available.



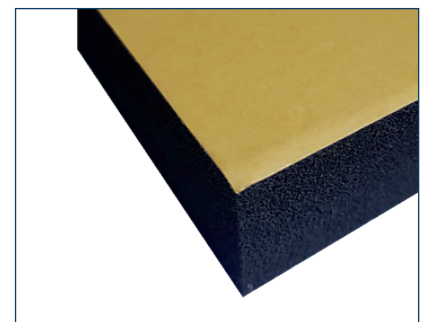
Technical Specifications

AZURSOUND

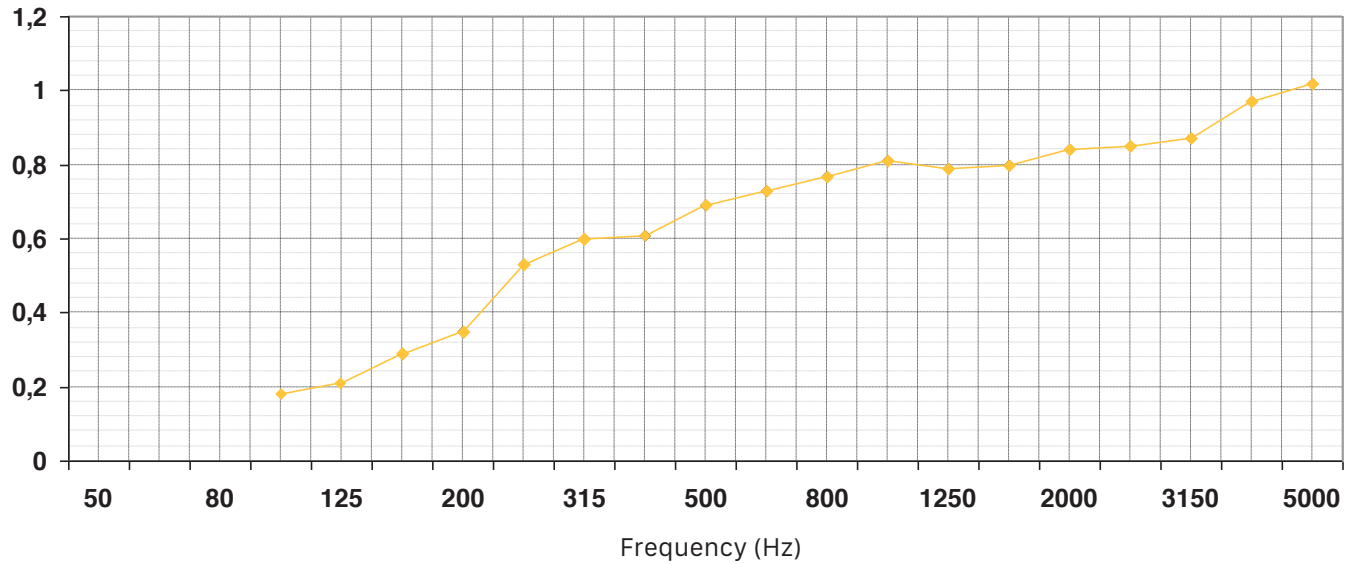
FEATURE	VALUE	UNITS	STANDARD
Density	Kg/ m ³	50 ± 5	–
Hardness	N	125	ISO 2439(ILD%40)
Tensile Strenght	kPa	> 80	ISO 1798
Therman Conductivity	W/mK	0,04	ISO 1798
Burning Behaviour	–	MVSS 302	SE

AZU SOUND PLUS

FEATURE	VALUE	UNITS	STANDARD
Density	Kg/ m ³	80 ± 10	–
Hardness	N	125	ISO 2439(ILD%40)
Tensile Strenght	kPa	> 80	ISO 1798
Therman Conductivity	W/mK	0,048	ISO 1798
Burning Behaviour	–	BS 476 Part 6/7	Class 0



Sound Absorption Values

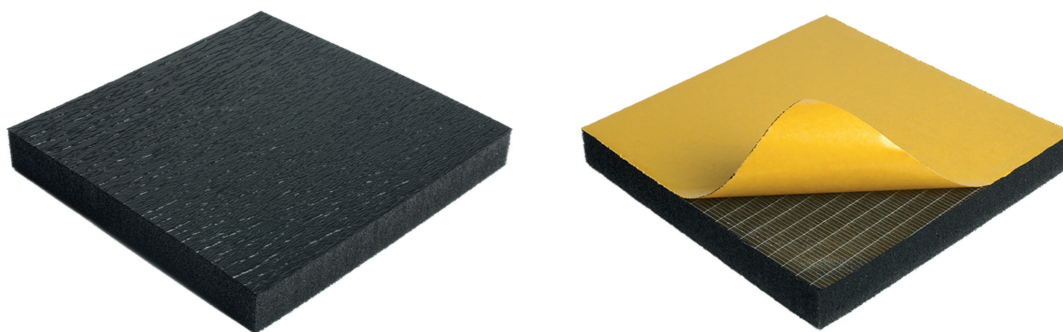


50 mm AZUR SOUND sound absorption rating according to EN ISO 354

Lamination

SA-Y	: Self adhesive
PU Film	: Black film lamination
ALU	: Aluminium/Polyster lamination

For special lamination variations please contact us.



Packaging Details

Wall Thickness (mm)	Width (mm)	Volume (m ² /Roll)
6	1000	30
10		20
15		15
20		10
25		10
50		5



AZUR SOUND
Recycled Rubber

The impact sound insulation product prevents sound pass between floors in buildings. Besides, it contributes to heat insulation with its low heat conductivity. It is applied practically under coverings such as under screed, carpet, parquet, ceramics. With a thickness of 5 and 8/4mm, it gives silence in layers and comfort in structures.



Physical Characteristics	Standard	Unit	Recycled Rubber Underlayment
Thickness	-	mm	5 - 8/4 - 17/8
Width & Length	-	m&m	1x10
Heat Transmission Coefficient (λ)	TS EN 12667	W/mK	0.045

Technical Characteristics

Dynamic Stiffness (S')	TS EN 29052-1:1996	MN/m ³	≤23
Impact Reduction Performance (ΔL_w) Under Hardwood Floor	TS EN ISO 10140-3		21 - 23
Impact Reduction Performance (ΔL_w) Under Screed	TS EN ISO 717-2	dB	30
Fire Resistance	TS EN 12354-2		
Sound Absorption Coefficient	TS EN ISO 10140-3	dB	20
Service Temperature	TS EN ISO 717-2		
	TS EN 13501-1	-	Bfl S2
	ISO 10534-2	Sabine	0.74 - 500 Hz
	-	-	-40°C / +85°C





AZUR INSULATION
Smart Supply

Azur Yalıtım Sanayi ve Ticaret Anonim Şirketi

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