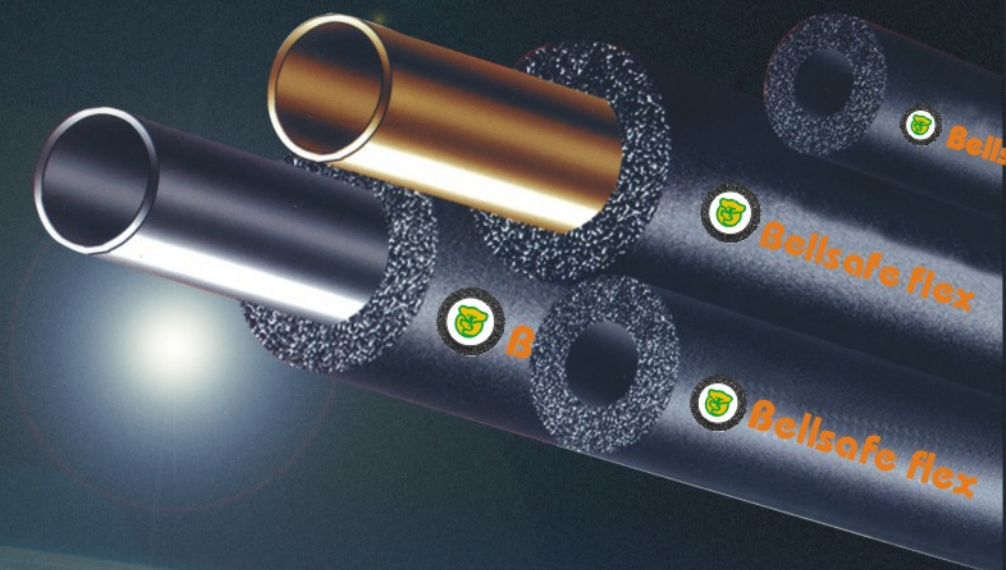


-  Energy saving and environmental
-  Fireproof
-  Shockproof
-  Adiabatic
-  Moistureproof



**Professional Supplier of Thermal
Insulation Products**

Distributor:



Bellsafe(Zhongshan) Thermal Insulation
Material Co.,Ltd.
Bellsafe (GuangZhou) Industry
Technology Co.,Ltd.
Factory address: Huangpu town,
Zhongshan city, Guangdong

Bellsafe(Guangzhou) Industry Technology Co.,Ltd
Add:Room 305,Building B, Youke Business Center,8#
Kexin Road, Guangzhou, China
Tel: +86 20 38075483 38075495 Fax:+86 20 38075487
Website: www.bellsafe.com bellsafe.en.alibaba.com
Email: bellsafe@21cn.com

Respect Objective Innovation Competition

About us

Bellsafe is a professional research company for industrial macromolecule and adiabatic materials. There are three companies under Bellsafe: Bellsafe(Zhongshan) Thermal Insulation Material Co., Ltd, Bellsafe(Guangzhou) Industry Technology Co., Ltd and Bellsafe (HK) Industry Technology Co., Ltd.

Bellsafe(Zhongshan) Thermal Insulation Materials Co., Ltd is located in Huangpu Town, Zhongshan City, Guangdong Province. It mainly produces high-quality rubber thermal insulation materials and handle grips. It introduced the latest foreign technology and advanced automatic continuous production. It adopts high-performance NBR/PVC as the main raw material with various quality supplementary material by special frothing process to produce the soft energy conservation foam insulation. It has closed cell construction and has many great features such as soft, resistance refractive index, cold resistant, fire-retardant, waterproof, low thermal conductivity, shock and sound absorption and so on. It can be widely used in large-scale central air conditioning and home air conditioning, construction, chemicals, textile and electrical industries such as the types of hot and cold media pipeline, storage containers, all kinds of fitness equipment jacket/pads and so on to achieve lower cold loss and reduce the effect of heat loss.

Bellsafe(Guangzhou) Industry Technology Co., Ltd is a professional supplier of HVAC air-conditioning system and is committed to major wholesalers, construction companies. We provide a wide range of insulation materials, HVAC products and superior service. Since the establishment of Bellsafe, we, based on customer service-oriented, has been supplied numbers of equipment to many large-scale sites.

Bellsafe(HK) Industry Technology Co., Ltd, based in Hong Kong, efforts to develop the international market by making use of the excellent international trade environment and status of Hong Kong. We will take BELLSAFE around the world. At present, our products have been sold to Europe, America, Middle East, Southeast Asia, Africa etc.

Since the establishment of Bellsafe, we take the credibility as our enterprise's live and talents as our wealth. Through the development of the past few years, we are now a professional fireproof insulation material manufacturer with advanced equipment and our annual production capacity is 70,000 cubic meters. The quality of our products has been in the industry-leading level in China. In 2004 we passed the ISO9001-2000 quality system certification and ISO9001-14000 environmental management system certification to further ensure full control of the quality of products. "Credit-based, professional expertise" is our company's operating principle. We have a strong supply capacity and warehousing centre and can make client safe by providing a powerful logistics distribution centre.

Bellsafe people are faithful believer and executor for technology. We comply with the below faith: Our management strategy is that talent is the primary capital. Our ideas: First-class talent invents the top-class technology, to create the first-class products quality by the first-class technology, to win the high-end brand by the first-class products quality, to access to the first-class social status by high-end brand.



Bellsafe · Nitron - Bubble NBR/PVC Six Outstanding Advantages of Bellsafe-flex

1. Splendid surface

Nitron-Bubble NBR/PVC insulation material has flat and even surface without obvious goffer. Under pressure, it appears symmetrical skin-like wrinkle, which takes on noble and top grade quality.

2. Excellent OI critical value

Nitron-Bubble NBR/PVC insulation material requires high oxygen index, which makes it great fire-proofing capability.

3. Outstanding smoke density class

Nitron-Bubble NBR/PVC insulation material has quite low smoke density class as well as low smog thickness, which provide good action when it burning.

4. A long life in heat conductivity value(K-value)

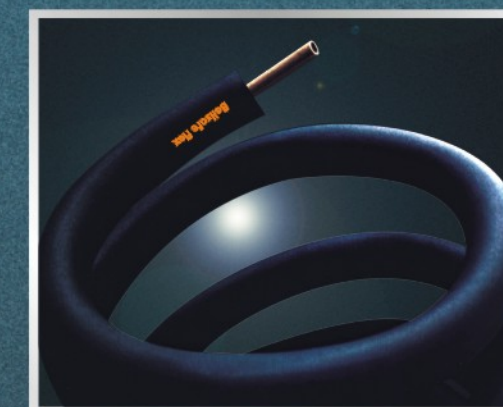
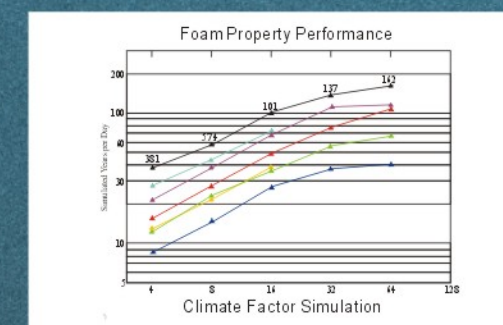
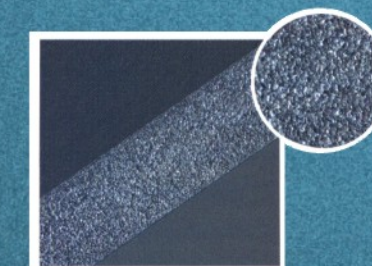
Nitron-Bubble NBR/PVC insulation material has long-term, stable K-value and λ -value, which guarantee long life span of the products.

5. High Moisture Resistance Factor(μ -value)

Nitron-Bubble NBR/PVC insulation material has high moisture resistance factor, $4500 \leq \mu \leq 8000$, which makes it a strong ability in anti-condensation.

6. Firm performance in temperature and anti-aging

Nitron-Bubble NBR/PVC insulation material has excellent capability in anti-ozone, anti-insolation and anti-ultraviolet, which ensures long lifespan.





PROPERTY	STANDARD
TEMPERATURE USE	(-50)~110℃
DENSITY	40 ~ 80KGS/ M3
THERMAL CONDUCTIVITY	0℃. , ≤ 0.038W/M.K
WATER VAPOR PERMEABILITY	≥ 4000
COMBUSTIBILITY	GRADE B1
OXYGEN INDEX	≥ 32%
CLASSIFICATION SMOKE	≤ 75
SMOKE TOXICITY	ACCORDS WITH CLASS ZA3, EXCELLENT
WATER ABSORPTION	≤ 10%
TEAR STABILITY	≥ 3N/cm
DIMENSION STABILITY	105℃, 7DAYS, ≤ 10%
COMPRESS RESILIENCE	COMPRESS 50% FOR 72H, RETRACT ≥ 70%
NOISE REDUCTION	HIGH REACH TO 30 DB(A)
RESISTANCE TO AGENT AHEMICAL	STABLE PERFORMANCE TO AGENT CHEMICAL USED AS BUILDING MATERIAL
RESISTANCE TO UV RADIATON	NO CRACK ON SURFACE IN 460 HOURS
RESISTANCE TO OZONE	202MPA, 200H, NO CRACKS
RESISTANCE TO AGING	150H, SLIGHT TOFFERS, NO CRACKS, HOLES AND DISTORTION



Code ID mm	N6 Series	N9 Series	N13 Series	N19 Series	N25 Series	N32 Series	Apply to				
							Seamless brass outer diameter	Galvanized brass inner diameter		Brass outer diameter	
								mm	mm	inch	mm
6	N6*6	N9*6	N13*6	N19*6	N25*6	N32*6				6	
10	N6*10	N9*10	N13*10	N19*10	N25*10	N32*10	10	6	1/4	10	3/8
13	N6*13	N9*13	N13*13	N19*13	N25*13	N32*13	13			13	1/2
16	N6*16	N9*16	N13*16	N19*16	N25*16	N32*16	16			16	
19	N6*19	N9*19	N13*19	N19*19	N25*19	N32*19	18	10	3/8	19	5/8
22	N6*22	N9*22	N13*22	N19*22	N25*22	N32*22	22	15	5/8	22	7/8
25	N6*25	N9*25	N13*25	N19*25	N25*25	N32*25	25			25	1
28	N6*28	N9*28	N13*28	N19*28	N25*28	N32*28	28	20	3/4	28	1 1/8
32	N6*32	N9*32	N13*32	N19*32	N25*32	N32*32	32			32	1 1/4
35	N6*35	N9*35	N13*35	N19*35	N25*35	N32*35	35	25	1	35	1 3/8
38	N6*38	N9*38	N13*38	N19*38	N25*38	N32*38	38			38	1 1/2
42	N6*42	N9*42	N13*42	N19*42	N25*42	N32*42	42	32	1 1/4		1 3/4
45	N6*45	N9*45	N13*45	N19*45	N25*45	N32*45	45			45	1 3/4
48	N6*48	N9*48	N13*48	N19*48	N25*48	N32*48	48	40	1 1/2		1 7/8
50	N6*50	N9*50	N13*50	N19*50	N25*50	N32*50	50				
54	N6*54	N9*54	N13*54	N19*54	N25*54	N32*54	54			50	2
57	N6*57	N9*57	N13*57	N19*57	N25*57	N32*57	57			55	2 1/4
60	N6*60	N9*60	N13*60	N19*60	N25*60	N32*60	60	50	2	60	2 3/8
64	N6*64	N9*64	N13*64	N19*64	N25*64	N32*64	64				
67	N6*67	N9*67	N13*67	N19*67	N25*67	N32*67	67			65	2 1/2
70	N6*70	N9*70	N13*70	N19*70	N25*70	N32*70	70				
73	N6*73	N9*73	N13*73	N19*73	N25*73	N32*73	73				
76	N6*76	N9*76	N13*76	N19*76	N25*76	N32*76	76	70		70	
80	N6*80	N9*80	N13*80	N19*80	N25*80	N25*80	80			75	3
89	N6*89	N9*89	N13*89	N19*89	N25*89	N25*89	89	80		85	3 1/2
102	N6*102	N9*102	N13*102	N19*102	N25*102	N32*102	102				
108	N6*108	N9*108	N13*108	N19*108	N25*108	N32*108	108				
114			N13*114	N19*114	N25*114	N32*114	114	100	4		

N ** ***

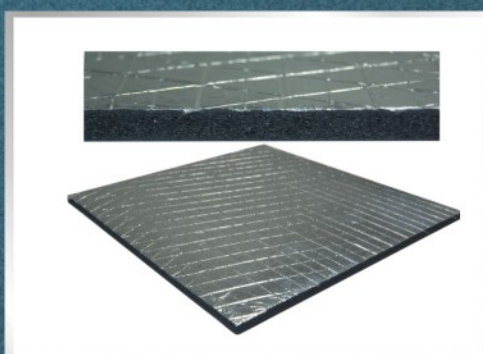
— Bellsafe tube inner diameter
— Bellsafe tube manufacturing thickness
— Bellsafe product code

Normal sheet model specifications

NO.	Rubber Foam Insulation Sheet			
	Thickenss		Width	Length
	inch	mm	m	m
1	1/4	6	1	30
2	3/8	10	1	20
3	1/2	13	1	14
4	5/8	15	1	12
5	3/4	19	1	10
6	1	25	1	8
7	1 1/4	32	1	6



NO.	Rubber Foam Insulation Sheet With Aluminium on One Side			
	Thickenss		Width	Length
	inch	mm	m	m
1	1/4	6	1	30
2	3/8	10	1	20
3	1/2	13	1	14
4	5/8	15	1	12
5	3/4	19	1	10
6	1	25	1	8
7	1 1/4	32	1	6



NO.	Rubber Foam Insulation Sheet With Adhesive on One Side			
	Thickenss		Width	Length
	inch	mm	m	m
1	1/4	6	1	30
2	3/8	10	1	20
3	1/2	13	1	14
4	5/8	15	1	12
5	3/4	19	1	10
6	1	25	1	8
7	1 1/4	32	1	6



★ Remark: According to client's requirement, the maximal thickness of Bellsafe sheet can be 38mm and the width can be 1.4m

Bellsafe-flex standard tubes packing

Bellsafe-flex Insulation Tube												
NO.	Copper Pipe		Iron Pipe		Bellsafe-flex		Tubing-Unit length: 6 feet / piece OR 2 m / piece					
	OD		IPS		ID		1/4"(6mm) wall	3/8"(9mm) wall	1/2"(13mm) wall	3/4"(19mm) wall	1"(25mm) wall	1 1/4"(32mm) wall
	inch	mm	inch	mm	inch	mm	Pcs/Ctn	Pcs/Ctn	Pcs/Ctn	Pcs/Ctn	Pcs/Ctn	Pcs/Ctn
1	1/4	6			1/4	6	375	235	130	78	—	—
2	3/8	10	1/8	3	3/8	10	300	182	104	65	36	—
3	1/2	13	1/4	6	1/2	13	225	154	94	52	33	—
4	5/8	16	3/8	10	5/8	16	180	125	78	48	29	—
5	3/4	19			3/4	19	150	101	69	42	29	—
6	7/8	22	1/2	13	7/8	22	135	93	59	37	26	—
7	1	25			1	25	120	86	55	33	23	—
8	1 1/8	28	3/4	19	1 1/8	28		79	52	30	22	14
9	1 1/4	32			1 1/4	32		73	44	28	21	14
10	1 3/8	35	1	25	1 3/8	35		66	36	24	17	14
11	1 1/2	38			1 1/2	38		58	35	23	17	11
12	1 5/8	42	1 1/4	32	1 5/8	42		50	31	22	16	11
14	1 7/8	48	1 1/2	38	1 7/8	48		40	29	20	16	8
15	2	50			2	50		34	29	20	15	8
16	2 1/8	54			2 1/8	54		29	21	20	14	8
17	2 1/4	57			2 1/4	57		26	21	19	14	7
18	2 3/8	60	2	50	2 3/8	60		26	21	18	13	7
19	2 5/8	67			2 5/8	67				15	12	7
20	2 7/8	73			2 7/8	73				12	11	7
21	3	76	2 1/2	64	3	76				12	9	5
22	3 1/8	79			3 1/8	79				11	8	5
	3 1/2	89	3	76	3 1/2	89				10	7	5

★ Standard Carton Size: 2m length – 205*38.5*46cm 6feet length – 187*38.5*46cm

Bellsafe-flex standard flat sheets packing

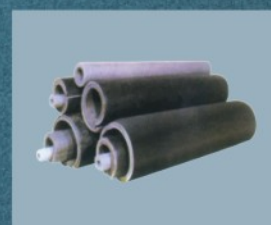
Thickness		Size		Sheets Per Ctn	Total Area Per Ctn	
in	mm	m	ft		m²	ft²
1/8	3	1.22*0.914	4*3	80	89.21	960
1/4	6	1.22*0.914	4*3	40	44.60	480
3/8	10	1.22*0.914	4*3	26	28.99	312
1/2	13	1.22*0.914	4*3	20	22.30	240
5/8	15	1.22*0.914	4*3	16	17.84	192
3/4	19	1.22*0.914	4*3	14	15.61	168
1	25	1.22*0.914	4*3	10	11.15	120
1 1/4	32	1.22*0.914	4*3	8	8.92	96

★ Standard Carton Size: 1310mm*990mm*320mm (51in*39in*12.5in)



Bellsafe Polyethylene (PEF) material is designed for thermal insulation and provides the following features:

- Fireproof:** Accords with B1 (GB/T2406-93)
- Classification Smoke:** accords with GB/T8627-1999
- Thermal Insulation:** The hermetic air bubble closed cell structure forms an impermeable layer.
- Shockproof:** Flexible and light weight
- Soundproof:** 100% closed cell makes its highly effective
- Rotproof:** It is inert to majority of chemical agent
- Nontoxic:** It does not cause any skin allergy
- UV ray resistance:** It has excellent ozone and ultraviolet ray resistance
- Flexible:** The extreme flexibility of the material makes installation fast,easy and economy
- Applicable:** It is available in the provention of condensation or frost formation on the cooling systems,chilled water and refrigerant lines.



Technical Data

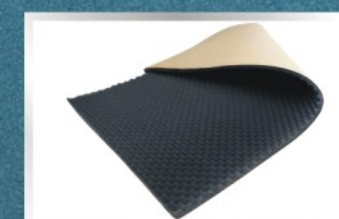
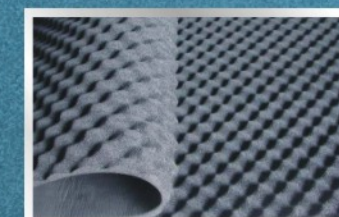
Property	Standard
Density	30 ~ 50KG/M ³
Thermal Conductivity	0.036
Temperature Use	-80 ~ +90℃
Compress Resilience	≥90%
Tear Stability	≥2.2KG/CM ²
Water Absorption	≤0.04MG/KM
Oxygen Index	≥24%
Specification of sheet	1000MM*2000MM
Specification of tube	DN15~1020
Thickness	10~100MM

After the special production process, sound absorbing insulation sheet has the unique concave-convex body and honeycomb curved surface structure. The honeycomb-shaped and hole-opaened curved surface of the material, can cause the sound wave repeated reflection weaken and reduce the noise transmission. Many kinds of functions gathers a body, such as : heat prevented , sound-insulated and noise reduction.

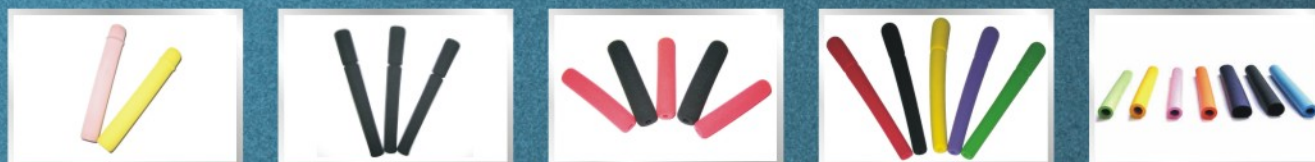
Acoustic Pyramids sound absorber is an attractive convoluted acoustic panel that provides a greater surface and absorptive area than flat surfaces to reduce reflected noise in a room by trapping and absorbing sound energy from all angles.

For architectural applications the panels are adhered to walls and ceilings to provide a continuous and seamless pattern or can be hung as a baffle.

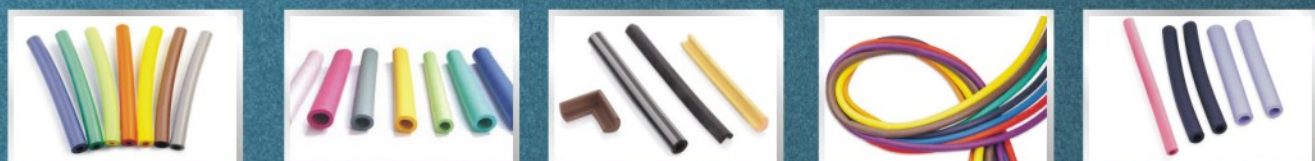
Acoustic Pyramids provide excellent acoustic control across all frequencies with Noise Reduction Coefficients ranging from 0.8 to 1.05.



Hanger Kit



Furniture Kit



Handle Grip



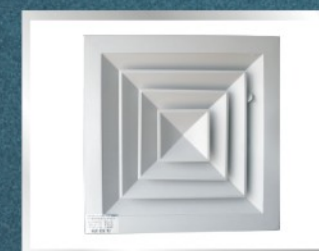
Sport Equipment



Toys



Vent



Rubber insulation tape



Glue

