

İZOCAMFLEX SHEET



It is an elastomeric rubber based insulation material in the form of sheet with closed cell structure. It is manufactured to be used for air conditioning, heating and cooling systems.

Application

It is used on the exterior surfaces of the ducts and large diameter pipe lines in the heating, cooling and air conditioning systems for thermal insulation and condensation control purposes. The sheets are adhered to the duct surface by using a special adhesive that İzocam suggested. Joints should be tightly sealed and they should be covered with insulation tape afterwards if necessary. Taping should not result in thickness loss. For the application of self adhesive sheets there is no need to use any adhesive. The application should be protected against disruption and rupture. For the applications exposed to the sun, definitely a protective coat or a protective paint should be used. For the outdoor applications, the surface should be coated within 5 days.

Thickness (mm)	Width x Length (mm)	Package (m ²)
6	1000 x 36000	36
9	1000 x 24000	24
13	1000 x 18000	18
19	1000 x 12000	12
25	1000 x 9000	9

Thickness (mm)	Width x Length (mm)	Package (m ²)
6	1200 x 32000	38,40
9	1200 x 24000	28,80
13	1200 x 16000	19,20
19	1200 x 11000	13,20
25	1200 x 8000	9,60



- High thermal insulation
- High condensation control
- CFC free
- Environment friendly
- Highly flexible



TECHNICAL DATA SHEET

izocamflex Sheet

Properties	Symbol	Unit	Description						Tolerance**	Standard	
Material	-	-	Elastomeric Rubber Foam						-	TS EN 14304	
Length	l	mm	3000 ≤ L ≤ 60000*						± 1,5 %	EN 822	
Width	w	mm	1200			1000			± 2 %	EN 822	
Thickness	d _b	mm	6 ≤ d _b ≤ 25			6 < d _b ≤ 25			d _b ≤ 6	±1,0	EN 823
									6 < d _b ≤ 19	±1,5	
									d _b > 19	±2,0	
Facing	-	-	Unfaced						-	-	
Reaction to fire	-	-	B-s3,d0						-	TS EN 13501-1	
Declared Thermal Conductivity	T	°C	-10	0	20	40	60	80	-	TS EN 12667	
	λ _D	W/m.K	0,033	0,034	0,036	0,039	0,041	0,042			
Max. Service Temperature	-	°C	-50 / 105						-	-	
Water Vapor Diffusion Resistance Factor	μ	-	≥ 7000						-	EN 12086	
Packaging Material	-	-	PE Bag						-	-	

* Standard product dimensions are dDxl (mm): 6x36000, 9x24000, 13x18000, 19x12000, 25x9000

** Tolerances comply with TS EN 14304 standard.

İzocam Elastomeric Rubber Foam Products are manufactured in İZOCAM Eskişehir Plant having ISO 9001, ISO 14001 and ISO 45001 Management System Certificates.

Please contact İzocam Sales Department for different sizes, special facings and detailed technical properties.

Product and its specifications discussed herein are subject to change by İZOCAM without notice.

Safety Reminders for Loading, Unloading, Shipping and Storing

- These operations should be done indoors in case of rainy weather conditions.
- Loading and unloading should be done by (at least) two people.
- The products should be wrapped by a waterproof cover during shipping.
- Boxes should be carried by their handles.
- When the boxes piled in the truck body are being tied up hard padding (wood, cardboard, etc.) should be put on the corners of the packages to protect them against possible damages by ropes.
- The corners should be aligned when the boxes are superposed.
- Only backshutter of the truck body should be opened during unloading.
- Storing should be done indoors and the boxes should be put over flat floor.
- Maximum 6 packages of the sheets should be superposed.
- Boxes should not be put into upright position.
- Boxes should not be stepped on and should not be used as steps.
- Products should not be unloaded by pushing or throwing from the truck.
- The truck should not be moved without wrapping and binding the boxes.
- The products should not be exposed to sun.
- Storage area should not be wet.

İzocam is not responsible for any problem because of misprinting. İzocam, the manufacturer, reserves the right to alter product specifications without prior notice. İzocam also manufactures special products upon request. For your requirements, you are requested to contact our Export Department.

