

PRODUCT CATALOG 2021

**FITAFLEX**

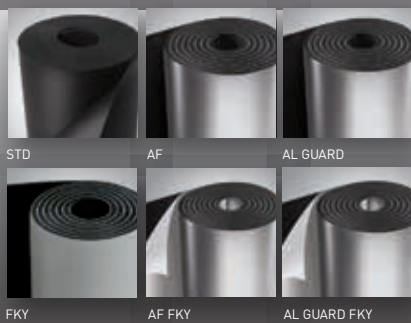




# Elastomeric Rubber Foam

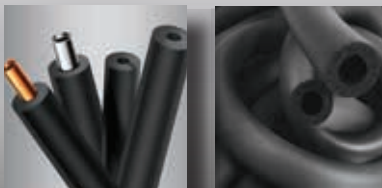
The elastomeric rubber foam materials having high vapor diffusion values, provide a good insulation and condensation control on the installation.





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# FITAFLEX

## STD

### NBR/PVC ELASTOMERIC RUBBER FOAM SHEETS / ROLLS

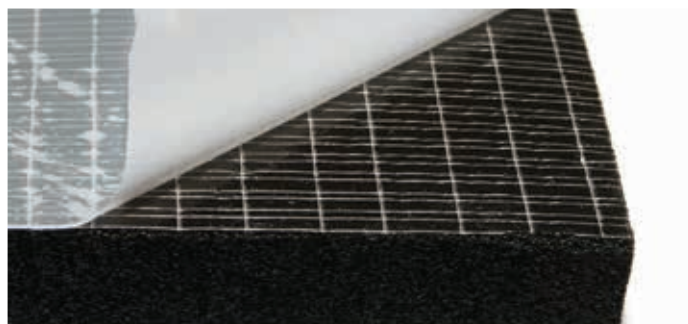
- Wide range of production.
- Production in 7 different thicknesses and 2 different widths;
- Manufactured in optimum sizes (1000-1200mm) for duct insulation.
- Lowers the scrap ratio in rectangular ducts.
- Lowers the total cost by decreasing the adhesive tape usage in round ducts.
- Helps to reduce the vibration in duct joints thanks to its flexibility.
- Using contact adhesive is recommended for applying the Fitaflex sheets/rolls to ducts surfaces.

	Roll Width (1000 mm)	Roll Width (1200 mm)
Thickness (mm)	m <sup>2</sup> /Roll	m <sup>2</sup> /Roll
6	30	36
9	20	24
13	14	16.80
19	10	12
25	8	9.60
32	6	7.20
40	4	4.80
50	4	4.80



## NBR/PVC ELASTOMERIC RUBBER FOAM SELF-ADHESIVE SHEETS / ROLLS

- Saves time and labour.
- Self-adhesive with netting.
- Ensures full sealing and eliminates the application faults.
- Decreases the scrap ratio by 2-3%.
- Manufactured in optimum sizes (1000-1200 mm) for duct insulation.
- Helps reducing vibration in duct joints by its flexibility.
- Provides high adhesion strength.
- Using contact adhesive is recommended for applying Fitaflex sheets/rolls to the ducts' surfaces.



	Roll Width (1000 mm)	Roll Width (1200 mm)
Thickness (mm)	m <sup>2</sup> /Roll	m <sup>2</sup> /Roll
6	30	-
9	20	24
13	14	16,80
19	10	12
25	8	9,60
32	6	7,20
50	4	4,80

### NBR/PVC ELASTOMERIC RUBBER FOAM SHEETS / ROLLS COVERED WITH ALUMINUM FOIL



- Aluminum lamination with polyester reinforcement .
- Best performance with high quality raw materials.
- Manufactured in optimum sizes (1000-1200mm) for duct insulation.
- Helps reducing vibration in duct joints by its flexibility.
- Packing resistant to external environment.
- Saves installation time compared to traditional cladding.
- High resistance to mechanical impact.
- Using contact adhesive is recommended for applying Fitaflex sheets/rolls to the ducts' surfaces.



	Roll Width (1000 mm)	Roll Width (1200 mm)
Thickness (mm)	m <sup>2</sup> /Roll	m <sup>2</sup> /Roll
6	30	-
9	20	24
13	14	16,80
19	10	12
25	8	9,60
32	6	7,20
50	4	4,80

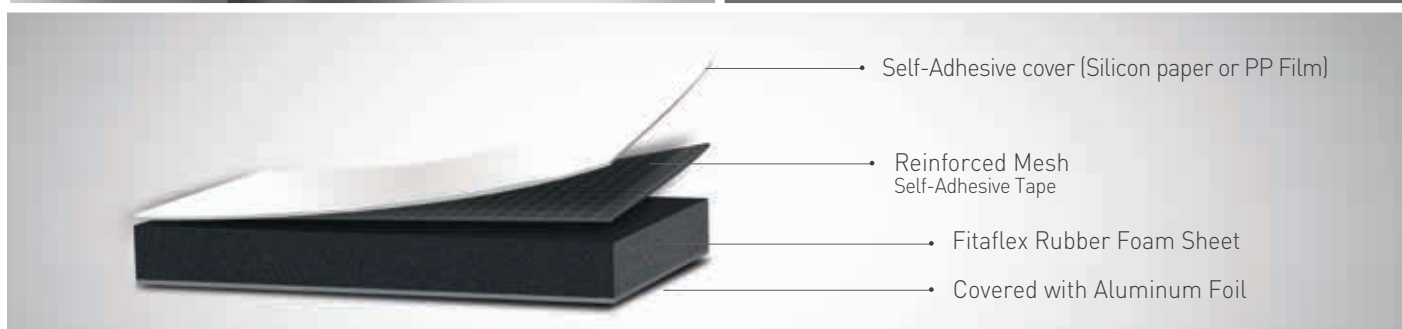
# FITAFLEX

## AF FKY

### NBR/PVC ELASTOMERIC RUBBER FOAM SELF ADHESIVE SHEETS / ROLLS COVERED WITH ALUMINUM FOIL



- Aluminum lamination with polyester reinforcement.
- Packing resistant to external environment.
- Self-adhesive with netting.
- Ensures full sealing and eliminates application faults.
- Manufactured in optimum sizes (1000-1200mm) for the duct insulation.
- Helps reducing vibration in duct joints by its flexibility.
- Saves installation time compared to traditional cladding.
- Provides full and perfect adhesion over the duct surface by its reinforced adhesive.
- Decreases the scrap ratio down to 2-3%
- High resistance to mechanical impact.



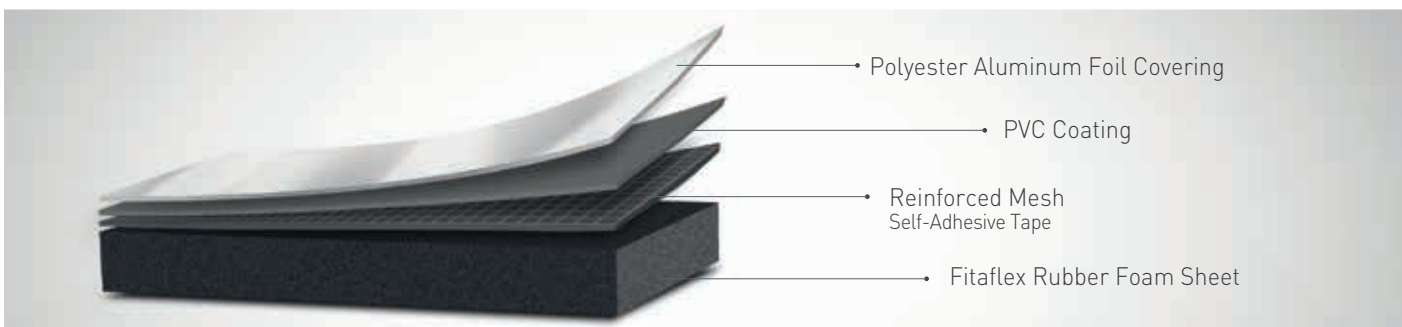
	Roll Width (1000 mm)	Roll Width (1200 mm)
Thickness (mm)	m <sup>2</sup> /Roll	m <sup>2</sup> /Roll
6	30	-
9	20	24
13	14	16,80
19	10	12
25	8	9,60
32	6	7,20
50	4	4,80

# FITAFLEX AL GUARD

NBR/PVC ELASTOMERIC RUBBER FOAM  
SHEETS / ROLLS COVERED WITH  
REINFORCED PVC - ALUMINUM FOIL



- 260 u lamination thickness with three layers (PVC, Aluminum and Polyester)
- Aluminum lamination with polyester reinforcement.
- Best performance with high quality raw material.
- Manufactured in optimum sizes (1000 mm) for duct insulation.
- Helps reducing vibration in duct joints by its flexibility. thanks to its flexibility.
- Packing resistant to external environment
- Saves installation time compared to traditional cladding.
- Using contact adhesive is recommended for applying the Fitaflex sheet rolls to the ducts' surfaces.



	Roll Width (1000 mm)
Thickness (mm)	m <sup>2</sup> /Roll
6	30
9	20
13	14
19	10
25	8
32	6
50	4

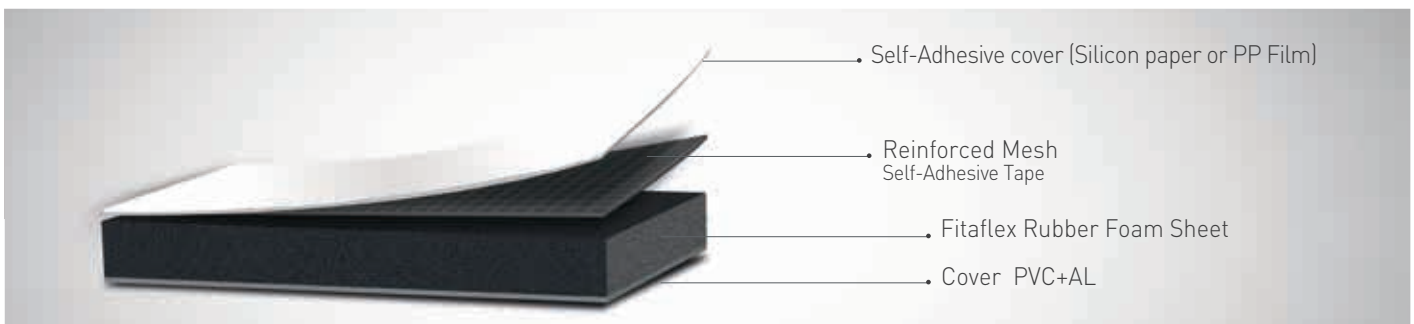


# FITAFLEX

## AL GUARD FKY

NBR/PVC ELASTOMERIC RUBBER FOAM  
SELF ADHESIVE SHEETS / ROLLS COVERED  
WITH REINFORCED PVC - ALUMINUM FOIL

- 260 u lamination thickness with three layers (PVC, Aluminum and Polyester)
- Aluminum lamination with polyester reinforcement.
- Best performance with high quality raw material.
- Manufactured in optimum sizes (1000 mm) for duct insulation.
- Helps reducing vibration in duct joints by its flexibility.
- Packing resistant to external environment
- Saves installation time compared to traditional cladding.
- Using contact adhesive is recommended for applying Fitaflex sheets/rolls to ducts' surfaces.
- Self-adhesive with netting.



	Roll Width (1000 mm)
Thickness (mm)	m <sup>2</sup> /Roll
6	30
9	20
13	14
19	10
25	8
32	6
50	4

# FITAFLEX TUBE

NBR/PVC ELASTOMERIC RUBBER FOAM  
INSULATION TUBES



## Application Area :

Optimal solution in heating, cooling, ventilating systems and all industrial and constructional application processes.

Metric	Copper	Steel	6 mm (1/4")	9 mm (3/8")	13 mm (1/2")
mm	Inch	Inch	m/box	m/box	m/box
6	1/4"		468	342	198
8	5/16"		432	288	180
10	3/8"	1/8"	360	252	162
12	1/2"		306	234	162
15	5/8"		252	198	126
18	3/4"	3/8"	234	162	108
22	7/8"	1/2"	198	144	108
•25	1"		162	144	90
28	1 1/8"	3/4"	144	108	90
35	1 3/8"	1"	126	90	84
42	1 5/8"	1 1/4"	108	84	72
48		1 1/2"	-	84	60
•54	2 1/8"		-	80	60
60	2 3/8"	2"	-	70	50
•67	2 5/8"		-	60	40
76	3"	2 1/2"	-	60	40
•80	3 1/8"		-	48	40
89	3 1/2"	3"	-	48	40
•102		3 1/2"	-	42	32
•108	4 1/4"		-	42	32
114	4 1/2"	4"	-	42	30

• Item not stock. Delivery on request.

# FITAFLEX TUBE

NBR/PVC ELASTOMERIC RUBBER FOAM  
INSULATION TUBES



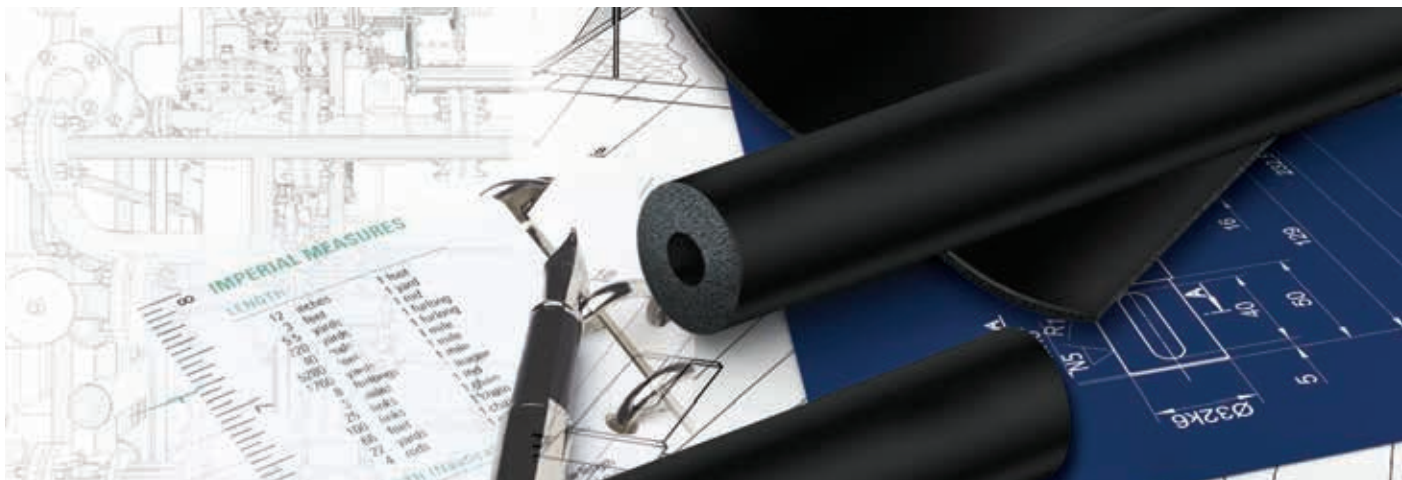
Metric	Copper	Steel	19 mm (3/4")	25 mm (1")	32 mm (1 1/4")
mm	Inch	Inch	m/box	m/box	m/box
6	1/4"		-	-	-
8	5/16"		-	-	-
10	3/8"	1/8"	-	-	-
12	1/2"		-	-	-
15	5/8"		-	-	-
18	3/4"	3/8"	90	48	-
22	7/8"	1/2"	72	44	-
•25	1"		54	40	32
28	1 1/8"	3/4"	60	40	24
35	1 3/8"	1"	48	32	20
42	1 5/8"	1 1/4"	44	30	20
48		1 1/2"	44	28	18
•54	2 1/8"		36	26	18
60	2 3/8"	2"	36	26	16
•67	2 5/8"		32	24	16
76	3"	2 1/2"	32	20	16
•80	3 1/8"		24	12	12
89	3 1/2"	3"	24	18	12
•102		3 1/2"	18	18	12
•108	4 1/4"		24	18	12
114	4 1/2"	4"	24	18	12

• Item not stock. Delivery on request.

Note: Tolerances on the products in general are given in the table on page 11.  
2021 Fitaflex - Product Catalog - Subject to alterations without prior notice - Our general conditions of sales & delivery shall apply

	Copper pipes Cu		Steel pipes Fe			Plastic pipes
Pipe max. Outside-Ø [mm]	Outside-Ø [mm]	Outside-Ø [inch]	Inches	Outside-Ø [mm]	Nominal diameter DN	Outside-Ø [mm]
6	6	¼		6,0		
8	8			8,0		
10	10	⅜	⅛	10,2	6	
12	12	½		12,0		
15	15	⅝	¼	13,5	8	14
16						16
18	18	¾	⅜	17,0	10	
20				20,0		20
22	22	⅞	½	21,3	15	
25	25	1		25,0		25
28	28	1 ⅛	¾	26,9	20	
30				30,0		
32				32,0		32
35	35	1 ⅜	1	33,7	25	
38				38,0		
40	40			40,0		40
42	42	1 ⅝	1 ¼	42,4	32	
45				44,5		
48			1 ½	48,3	40	
50						50
54	54	2 ⅛		54,0		
57				57,0		
60			2	60,3	50	
64	64			63,5		63
67						
70	70			70,0		
73	73	2 7/8"		73,0		
76	76	3	2 ½	76,1	65	75
80	80	3 ⅝				
89	89	3 ½	3	88,9	80	90
90						
102				101,6		
108	108	4 ¼				
110						110
114			4	114,3	100	
125				125,0		125
133	133					
140			5	139,7	125	
154				152,4		
160	159					
165			6	165,1		
168				168,3	150	
180						
204						200
219	219			219,1	200	
254						250
267	267					
273				273,0	250	
306						300
324				323,9	300	
356				355,6	350	
406				406,4	400	
457				457,0	450	
508				508,0	500	
610				610,0	600	





Dimensions in millimetres

Form of delivery	Length	Width	Thickness		Squareness	Inside diameter	
			declared	tolerance		$D_i \leq 100$	$D_i > 100$
Tubes	$\pm 1,5 \%$	—	$d_o \leq 8$ $8 < d_o \leq 18$ $18 < d_o \leq 31$ $d_o > 31$	$\pm 1$ $\pm 1,5$ $\pm 2,5$ $\pm 3$	3,0 mm	$D_{i,D} + 1 \leq D_i \leq D_{i,D} + 4$	$D_{i,D} + 1 \leq D_i \leq D_{i,D} + 6$
Sheets	$\pm 1,5 \%$	$\pm 2 \%$	$d_o \leq 6$ $6 < d_o \leq 19$ $d_o > 19$	$\pm 1$ $\pm 1,5$ $\pm 2$	3,0 mm/mm (length/width) - 3,0 mm (thickness)	-	-
Rolls	+ 5 % - 1,5 %	$\pm 2 \%$	$d_o \leq 6$ $6 < d_o \leq 19$ $d_o > 19$	$\pm 1$ $\pm 1,5$ $\pm 2$	3,0 mm/mm (length/width) - 3,0 mm (thickness)	-	-
Tapes	+ 5 % - 1,5 %	$\pm 2 \%$	$d_o = 3$	- 0,1 + 1,5	-	-	-

Sheets/Rolls Equivalent Quantity Calculation Table ( m<sup>2</sup>/m )

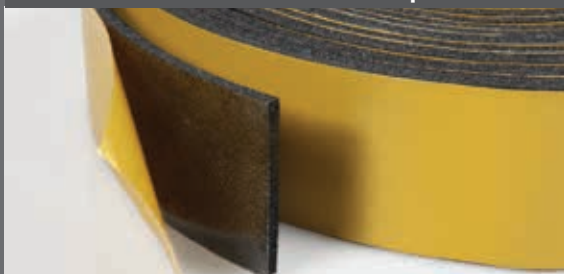
Steel Pipes diameter		Pipes thickness	Thickness of Insulation (mm)								
			6 mm	9 mm	13 mm	19 mm	25 mm	32 mm	40 mm	50 mm	60 mm
inch	metric	mm									
4"	114	6	0.38	0.39	0.40	0.42	0.44	0.46	0.49	0.52	0.52
5"	140	8	0.46	0.47	0.48	0.5	0.52	0.54	0.57	0.6	0.6
6"	169	10	0.84	0.55	0.56	0.58	0.6	0.62	0.64	0.68	0.68
8"	219	12	0.71	0.72	0.73	0.75	0.77	0.79	0.82	0.85	0.85
10"	273	15	0.88	0.89	0.91	0.92	0.94	0.96	0.99	1.02	1.02
12"	323	18	1.04	1.05	1.06	1.08	1.1	1.12	1.15	1.18	1.18
14"	398	22	1.13	1.14	1.16	1.18	1.19	1.22	1.24	1.27	1.27

\* Ex: If you cover 10" pipes with 25 mm thickness of rolls, you need 0,94 squaremeter per one linear meter of tube.

# AUXILIARY MATERIALS

RUBBER FOAM TAPE / PVC TAPES /  
FORMIX CONTACT ADHESIVE/  
ALUMINUM FOIL TAPES / PIN

## Fitaflex Rubber Foam Tape



Product	Dimensions
5 cm	3mm x 50mm x 15mt
7,5 cm	3mm x 75mm x 15mt
10 cm	3mm x 100mm x 15mt

- Fitaflex adhesive backed rubber strips with netting provides impermeability
- Sealing to duct flanges prevent condensation.
- Fitaflex aluminum foil tapes, insulation and vapour proof applications.
- Contact adhesive with high adhesion strength.

## Fitaflex PVC Tapes



Product	Dimensions
5 cm	50mm x 25m

## Fitaflex Aluminum Foil Tapes



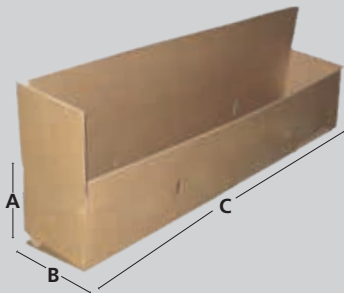

Product	Dimensions
Plain	50mm x 30m
Plain	75mm x 30m
Plain	100mm x 30m
Reinforced	50mm x 30m
Reinforced	75mm x 30m
Reinforced	100mm x 30m

## Fitaflex Contact Adhesive



Product
1 kg
3 kg
15 kg




# PACKING SIZES

	PRODUCT DESCRIPTION	A mm (height)	B mm (width)	C mm (length)	Volume m <sup>3</sup>	
	Fitaflex TUBE	mm	mm	mm	m <sup>3</sup>	
	Tube Cardboard Box	360	398	2095	0,30	
	Fitaflex ROLL BAG		mm	mm	mm	m <sup>3</sup>
	Fitaflex STD	White Packaging	1000			0,27
	Fitaflex FKY	Yellow Packaging				
	Fitaflex AF&AL GUARD	Grey Packaging	1200			0,29
	Fitaflex AF&AL GUARD FKY	Red Packaging				

# SHIPPING

ELASTOMERIC RUBBER FOAM  
SHEETS / TUBES

## INFORMATION ON TRANSPORTATION PLANNING

							
		Truck		Trailer (T.I.R)		40 HC Container	
Estimated Volume m <sup>3</sup> (cbm)		From 45m <sup>3</sup> to 50m <sup>3</sup>		From 90m <sup>3</sup> to 105m <sup>3</sup>		76m <sup>3</sup>	
Estimated Weight kg		1.500 kg		3.000-5.000 kg		2.500-5.000 kg	
Sheet Bags	Roll Width	100 cm	120 cm	100 cm	120 cm	100 cm	120 cm
		180 Roll	160 Roll	360 Roll	310 Roll	300 Roll	225 Roll
Tube	Cardboard Box	144 Box		266 Box		220 Box	

\* The values specified in the table above may vary according to the vehicle's size.

# TRANSPORTATION AND STORAGE

## ELASTOMERIC RUBBER FOAM INSULATION SHEETS / TUBES

### INFORMATION FOR TRANSPORTATION AND STORAGE

#### Information on safe usage

- The information provided in this document has been prepared in good faith on January 2014.
- The product should not be used in different applications except for its purpose.
- It doesn't have any known effects against health.
- The products doesn't have any known adverse environmental effects.
- The product is not classified as hazardous for water.

#### Protection against fire and explosion

- It must be stored away from flammable and combustible materials.
- Do not breathe the gases in case of fire toxic gases are emitted to the environment in case of fire such as carbon dioxide, carbon monoxide and other decomposition products
- Use suitable respirators in case of fire.
- Avoid the influence of naked flames.
- Please use proper fire-fighting equipments.

#### Further information on storage conditions

- It can be stored in a dry and clean environment under normal conditions (with humidity around 50-70%) . It must be stored in a cool and ventilated environment away from combustible materials such as solvents, thinner, alkaline, etc. and without being exposed to direct sunlight, otherwise deterioration in the property of the product and packaging will occur.
- Goods must be transported in vehicles with a closed box or with canvas by loading in an appropriate way.
- Product packages should be stacked in an appropriate way on a flat surface during storage. The maximum stock height must be in a way not to harm the products under and the load must be evenly distributed.
- Protect from rain, snow and etc., otherwise deterioration in product and packaging features will occur.
- Do not store in temperatures outside service temperature specified in the catalog.



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**FITAFLEX**