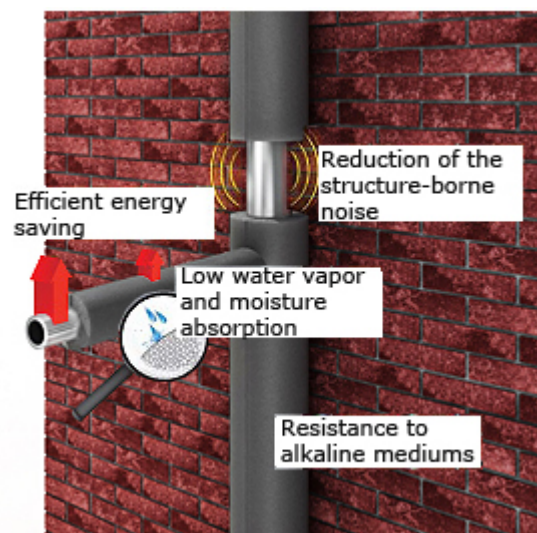


Tubes Energoflex® Super 2m

Description



Tubes made of the polyethylene foam with a closed cellular structure Energoflex® Super are ideally suited for effective heat- and noise insulation of inner engineering systems. The material of products is resistant to aggressive environments, possesses high strength, moisture resistance and durability. Flexible insulating tubes are easy-to-mount, effectively reduce thermal losses and structure-borne noises, protect the equipment surface against condensate and corrosion, and prevent a heat carrier from freezing during specified time.



- While using within buildings it is not necessary to use vapour insulating layers and coatings.
- Reaction to fire G1.



- Flexibility of a product and a technological cut throughout the length of a tube makes the installation easy and accessible.



Specifications



Specifications

Feature	Value	Method
Maximum service temperature, °C	+95	GOST EN 14707-2011
Thermal Conductivity, λ, W/(m·°C)	at 10°C	GOST 32025-2012
	at 20°C	
	at 30°C	
	0,038	
	0,039	
	0,040	
Water vapour diffusion resistance, μ	4000	GOST 32303-2011
Reaction to fire	G1	TR (technical regulations) No. 123-FZ (Federal Law) dated 22.07.2009, GOST 30244
Water absorption, kg/m ²	0,06	GOST 32301-2011
Corrosion safety	High resistance to aggressive construction materials - cement, concrete, gypsum, lime.	
Environmental Aspects	Chlorofluorohydrocarbons free	

Range



Range

Inner Ø of insulation, mm	Insulation thickness					
	Designation of size					
	6 mm	Article	9 mm	Article	13 mm	Article
15	15/6-2	EFXT015062SU	15/9-2	EFXT015092SU	15/13-2	EFXT015132SU
18	18/6-2	EFXT018062SU	18/9-2	EFXT018092SU	18/13-2	EFXT018132SU
22	22/6-2	EFXT022062SU	22/9-2	EFXT022092SU	22/13-2	EFXT022132S
25	25/6-2	EFXT025062SU	25/9-2	EFXT025092SU	25/13-2	EFXT025132SU
28	28/6-2	EFXT028062SU	28/9-2	EFXT028092SU	28/13-2	EFXT028132SU
35	35/6-2	EFXT035062SU	35/9-2	EFXT035092SU	35/13-2	EFXT035132SU
42			42/9-2	EFXT042092SU	42/13-2	EFXT042132SU
45			45/9-2	EFXT045092SU	45/13-2	EFXT045132SU
48			48/9-2	EFXT048092SU	48/13-2	EFXT048132SU
54			54/9-2	EFXT054092SU	54/13-2	EFXT054132SU
60			60/9-2	EFXT060092SU	60/13-2	EFXT060132SU
64			64/9-2	EFXT064092SU	64/13-2	EFXT064132SU
76			76/9-2	EFXT076092SU	76/13-2	EFXT076132SU
89			89/9-2	EFXT089092SU	89/13-2	EFXT089132SU
110			110/9-2	EFXT110092SU	110/13-2	EFXT110132SU
114			114/9-2	EFXT114092SU	114/13-2	EFXT114132SU
133			133/9-2	EFXT133092SU	133/13-2	EFXT133132SU
160			160/9-2	EFXT160092SU	160/13-2	EFXT160132SU

Inner Ø of insulation, mm	Insulation thickness					
	Designation of size					
	20 mm	Article	25 mm	Article	32 mm	Article
22	20/25-2	EFXT022202SU	22/25-2	EFXT022252SU		
25	25/20-2	EFXT025202SU				
28	28/20-2	EFXT028202SU	28/25-2	EFXT028252SU		
35	35/20-2	EFXT035202SU	35/25-2	EFXT035252SU	35/32-2	EFXT035322SU
42	42/20-2	EFXT042202SU	42/25-2	EFXT042252SU	42/32-2	EFXT042322SU
45	45/20-2	EFXT045202SU				
48	48/20-2	EFXT048202SU	48/25-2	EFXT048252SU	48/32-2	EFXT048322SU
54	54/20-2	EFXT054202SU	54/25-2	EFXT054252SU	54/32-2	EFXT054322SU
60	60/20-2	EFXT060202SU	60/25-2	EFXT060252SU	60/32-2	EFXT060322SU
64	64/20-2	EFXT064202SU	64/25-2	EFXT064252SU	64/32-2	EFXT064322SU

76	76/20-2	EFXT076202SU	76/25-2	EFXT076252SU	76/32-2	EFXT076322SU
89	89/20-2	EFXT089202SU	89/25-2	EFXT089252SU	89/32-2	EFXT089322SU
110	110/20-2	EFXT0110202SU	110/25-2	EFXT0110252SU	110/32-2	EFXT0110322SU
114	114/20-2	EFXT0114202SU	114/25-2	EFXT0114252SU		
133	133/20-2	EFXT0133202SU				
160	160/20-2	EFXT0160202SU				

Packaging



Packed into cartons with dimensions of 2050 x 595 x 395 mm.

Insulation thickness, 6 mm				Insulation thickness, 9 mm			
standard size	quantity per package, m	gross weight, kg	package volume, m ³	standard size	quantity per package, m	gross weight, kg	package volume, m ³
15/6-2	440	7,77	0,482	15/9-2	356	9,85	0,482
18/6-2	400	7,95	0,482	18/9-2	284	9,04	0,482
22/6-2	320	7,55	0,482	22/9-2	240	8,81	0,482
25/6-2	244	6,71	0,482	25/9-2	200	8,23	0,482
28/6-2	240	7,05	0,482	28/9-2	168	7,71	0,482
35/6-2	160	6,10	0,482	35/9-2	136	7,49	0,482
				42/9-2	110	7,24	0,482
				45/9-2	94	6,76	0,482
				48/9-2	74	6,00	0,482
				54/9-2	70	6,16	0,482
				60/9-2	66	6,27	0,482
				64/9-2	60	6,12	0,482
				76/9-2	48	5,84	0,482
				89/9-2	40	5,69	0,482
				110/9-2	26	4,99	0,482
				114/9-2	26	5,08	0,482
				133/9-2	16	4,27	0,482
				160/9-2	12	4,05	0,482

Insulation thickness, 13 mm				Insulation thickness, 20 mm			
standard size	quantity per package, m	gross weight, kg	package volume, m ³	standard size	quantity per package, m	gross weight, kg	package volume, m ³
15/13-2	240	10,82	0,482				
18/13-2	200	10,14	0,482				
22/13-2	168	9,71	0,482	22/20-2	108	11,05	0,482
25/13-2	140	8,99	0,482	25/20-2	100	10,97	0,482
28/13-2	132	9,09	0,482	28/20-2	88	10,42	0,482
35/13-2	108	8,78	0,482	35/20-2	70	9,69	0,82
42/13-2	80	7,88	0,482	42/20-2	60	9,53	0,482
45/13-2	72	7,59	0,482	45/20-2	50	8,61	0,482
48/13-2	70	7,70	0,482	48/20-2	48	8,63	0,482
54/13-2	66	7,88	0,482	54/20-2	48	9,17	0,482
60/13-2	48	6,71	0,482	60/20-2	40	8,48	0,482
64/13-2	48	6,94	0,482	64/20-2	38	8,46	0,482
76/13-2	40	6,76	0,482	76/20-2	26	7,10	0,482
89/13-2	30	6,12	0,482	89/20-2	24	7,32	0,482
110/13-2	22	5,69	0,482	110/20-2	14	5,81	0,482
114/13-2	22	5,80	0,482	114/20-2	14	5,91	0,482
133/13-2	16	5,22	0,482	133/20-2	12	5,83	0,482
160/13-2	12	4,89	0,482	160/20-2	12	6,44	0,482


Insulation thickness, 25 mm				Insulation thickness, 32 mm			
standard size	quantity per package, m	gross weight, kg	package volume, m ³	standard size	quantity per package, m	gross weight, kg	package volume, m ³
22/25-2	72	8,42	0,482				
28/25-2	66	8,70	0,482				
35/25-2	54	8,28	0,482	35/32-2	46	13,46	0,482
42/25-2	46	8,12	0,482	42/32-2	40	13,01	0,482
48/25-2	42	8,12	0,482	48/32-2	36	12,72	0,482
54/25-2	38	8,01	0,482	54/32-2	28	11,01	0,482
60/25-2	34	7,82	0,482	60/32-2	24	10,29	0,482
64/25-2	32	7,74	0,482	64/32-2	24	10,63	0,482
76/25-2	26	7,34	0,482	76/32-2	22	10,89	0,482
89/25-2	20	6,69	0,482	89/32-2	16	9,30	0,482
110/25-2	14	6,51	0,482	110/32-2	12	8,46	0,482
114/25-2	12	6,09	0,482				

Accessories



Contact adhesive Energoflex® Extra



	Energoflex® Extra contact adhesive is used for joining insulation junctions.		Article
	Volume	Approximate consumption of 1L of contact adhesive:	
	Pipes 6 mm thick	240-300 linear m	
	Pipes 9 mm thick	160-200 linear m	
	Pipes 13 mm thick	110-140 linear m	
	Pipes 20 mm thick	70-90 linear m	
	Pipes 25 mm thick	50-60 linear m	
	Rolls and plates	~5 m ²	
	Package:	0,5 L metal can	EFXADH0/5EXT
		0,9 L metal can	EFXADH0/8EXT
2,6 L metal can		EFXADH2/6EXT	
Storage temperature:	От + 10 до + 40°C		
Use temperature:	From + 10 to + 40°C		

Cleaner Energoflex®



Energoflex® cleaner is intended for the cleaning and degreasing of insulated surfaces and tools from Energoflex® Extra and Energocell® HT adhesive traces, as well as for its dilution to the required viscosity.

Article

Use	Approximate consumption
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Insulation of pipelines	0,02 L per 10 m of a pipeline
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Insulation of flat surfaces, tanks and devices	0.057 L per 10 m ² of the insulated surface
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Insulation of fittings and accessories	0,096 L per 10 pcs. of fittings and accessories
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Package:	1 L metal cans
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Storage temperature:	No more, than 40°C
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EFXCLEAN1

Clips Energoflex®



Plastic clips Energoflex® are used for temporary compression of Energoflex® insulation after adhesion.

Article

Approximate consumption	3 pcs. on 1 linear m insulation
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Quantity per package:	100 pcs.
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Note:	Clips are allowed to be used only in heating systems and hot water supply systems.
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EFXCLIPS100

Montage mitre box



Montage mitre box – a device from shock-resistant plastic for shape cutting of Energoflex® tubes with outer diameter up to 89 mm.

Article

EFXMBOX

Montage knife



A montage knife with a specific sharpening is intended for the insulation cutting. The knife has a special form and dimensions allowing to simplify the work of a professional fitter as much as possible.


Артикул


Blade length:	270 mm
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EFXKNIFE


Reinforced tape Energoflex®

	Reinforced self-adhesive tape Energoflex® of gray color is applied at installation of Energoflex® Super insulation. Due to the reinforcing net the tape possesses high rupture strength.		Article
	Approximate expenditure:	1,15 - 1,45 of the straight piping length of a pipeline; 26 m on 10 m ² isolated surface	
	Width:	48 mm	
	Height:	10 m	EFXL04810ARSKGR
		25 m	EFXL04825ARSKGR
		50 m	EFXL04850ARSKGR
Temperature:	Not below 10°C		

	Reinforced self-adhesive tape Energoflex® of black color is applied at installation of Energoflex® Black Star insulation. Due to the reinforcing net the tape possesses high rupture strength.		Article
	Approximate expenditure:	1,15 - 1,45 of the straight piping length of a pipeline; 26 m on 10 m ² isolated surface	
	Width:	48 mm	
	Height:	25 m	EFXL04825ARSKBK
		50 m	EFXL04850ARSKBK
Temperature:	Not below 10°C		

	Reinforced self-adhesive tape Energoflex® of blue and red colors is applied at installation of Energoflex® Super Protect insulation. Due to the reinforcing net the tape possesses high rupture strength.		Article
	Approximate expenditure:	1,15 - 1,45 of the straight piping length of a pipeline;	
	Width:	48 mm	
	Height, colour:	25 m, blue	EFXL04825ARSKBL
		25 m, red	EFXL04825ARSKRD
Temperature:	Not below 10°C		

Tape Energoflex® Super SK

	Self-adhesive tape Energoflex® Super SK from polyethylene foam possesses a low coefficient of heat conductivity ($\lambda_0=0,035 \text{ Вт/(м·°C)}$) and is intended for the insulation of fittings, accessories and hard-to-reach sections of pipelines in heating and water supply systems, as well as for the sealing of different joints.		Article
	Thickness:	3 mm	EFXL0305015SUSK
	Width:	50 mm	
	Length:	15 m	
	Temperature:	Not below 10°C	