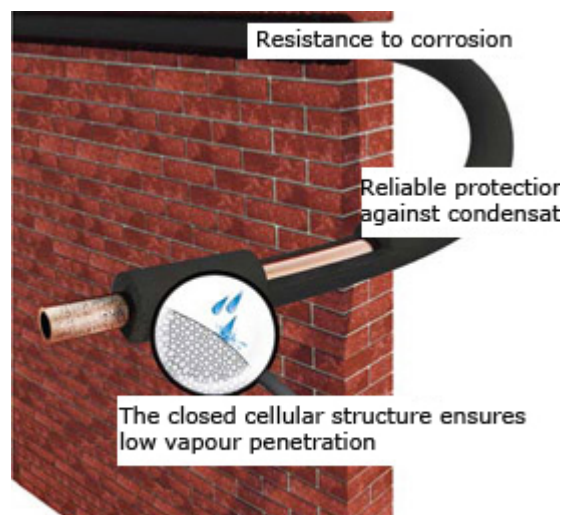


## Tubes Energoflex® Black Star 2m

### Description



Flexible heat-insulating tubes made of expanded polyethylene - Energoflex® Black Star - are specially developed for the use in ventilation and air-conditioning systems. Possessing a closed cellular structure, the material is highly resistant to vapour- and moisture penetration that is especially important at insulation of cold surfaces. Energoflex® Black Star heat insulation secures the equipment against condensate formation; it is easy-to-install, resistant to aggressive construction materials and mechanical influences, durable and safe.



Specially selected dimensions and a smooth inner surface of heat-insulating tubes allow to dress them easily on copper pipes without talc application.



### Specifications



#### Specifications

Feature	Value	Method
Maximum service temperature, °C	+95	GOST EN 14707-2011
Thermal Conductivity, $\lambda$ , W/(m·°C)	at 10°C	GOST 32025-2012
	at 20°C	
	at 30°C	
	0,039	
	0,040	
	0,042	
Water vapour diffusion resistance, $\mu$	3000	GOST 32303-2011
Reaction to fire	G1	TR №123-F3 at 22.07.2009, GOST 30244
Water absorption, kg/m <sup>2</sup>	0,07	GOST 32301-2011
Corrosion safety	High resistance to aggressive construction materials - cement, concrete, gypsum, lime.	
Environmental Aspects	Chlorofluorohydrocarbons free	

## Range



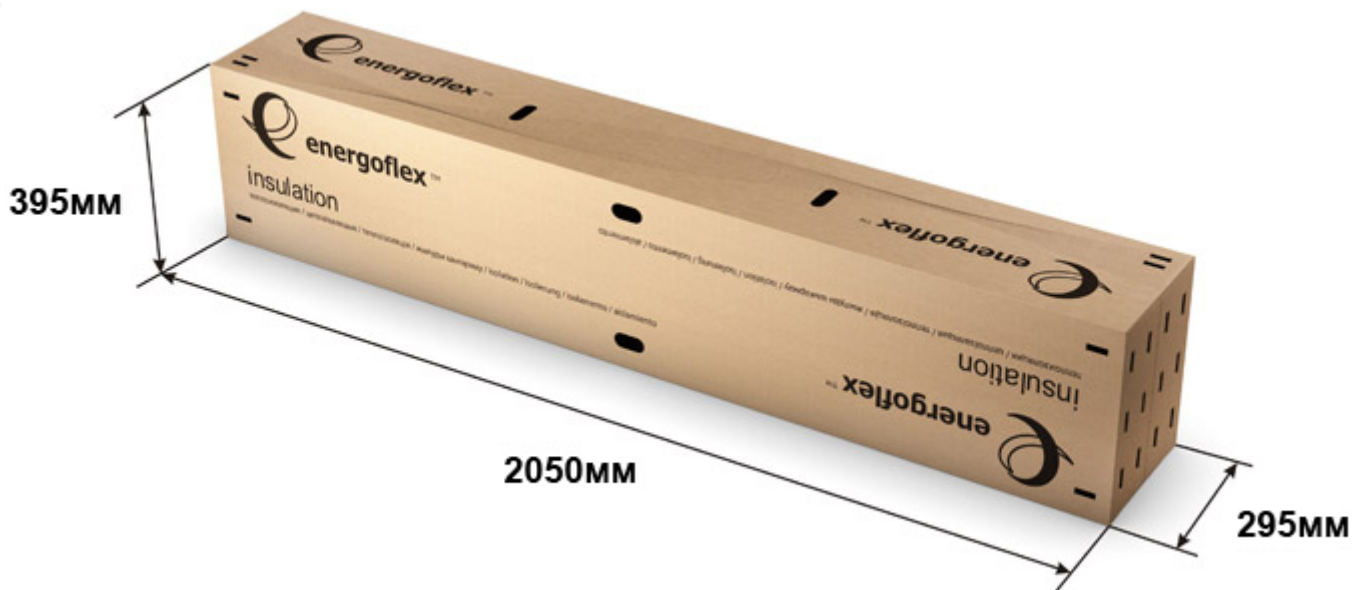
### Insulation is mounted on a copper pipe

Inches	outer Ø, mm
1/4	6,35
5/16	7,93
3/8	9,53
1/2	12,7
5/8	15,88
3/4	19,05
7/8	22,22
1 1/8	28,57

### Range

Inner Ø of insulation, mm	Thickness 6 mm	Article
	Standart size	
6	6/6-2	EFXT006062BS
8	8/6-2	EFXT008062BS
10	10/6-2	EFXT010062BS
12	12/6-2	EFXT012062BS
15	15/6-2	EFXT015062BS
18	18/6-2	EFXT018062BS
22	22/6-2	EFXT022062BS
25	25/6-2	EFXT025062BS
28	28/6-2	EFXT028062BS


## Packaging



### Packed in cartons with dimensions of 2050 x 395 x 295 mm.

Insulation thickness 6 mm			
Standard size	Quantity per package, m	Gross weight, kg	Package volume, m <sup>3</sup>
6/6-2	480	5,08	0,240
8/6-2	380	4,77	0,240
10/6-2	320	4,62	0,240
12/6-2	280	4,56	0,240
15/6-2	200	4,04	0,240
18/6-2	180	4,09	0,240
22/6-2	152	4,04	0,240
25/6-2	120	3,72	0,240
28/6-2	120	3,92	0,240


**Contact adhesive Energoflex® Extra**

	Energoflex® Extra contact adhesive is used for joining insulation junctions.		Article
	<b>Volume</b>	<b>Approximate consumption of 1L of contact adhesive:</b>	
	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 <sup>2</sup>	
<b>Package:</b>	0,5 L metal can	EFXADH0/5EXT	
	0,9 L metal can	EFXADH0/8EXT	
	2,6 L metal can	EFXADH2/6EXT	
<b>Storage temperature:</b>	От + 10 до + 40°C		
<b>Use temperature:</b>	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	
	<b>Use</b>	<b>Approximate consumption</b>	EFXCLEAN1	
	Insulation of pipelines	0,02 L per 10 m of a pipeline		
	Insulation of flat surfaces, tanks and devices	0.057 L per 10 m <sup>2</sup> of the insulated surface		
	Insulation of fittings and accessories	0,096 L per 10 pcs. of fittings and accessories		
	<b>Package:</b>	1 L metal cans		
	<b>Storage temperature:</b>	No more, than 40°C		


**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
	<b>Blade length:</b>	270 mm	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
	<b>Approximate expenditure:</b>	1,15 - 1,45 of the straight piping length of a pipeline; 26 m on 10 m <sup>2</sup> isolated surface	
	<b>Width:</b>	48 mm	
	<b>Height:</b>	10 m	EFXL04810ARSKGR
		25 m	EFXL04825ARSKGR
		50 m	EFXL04850ARSKGR
<b>Temperature:</b>	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
	<b>Approximate expenditure:</b>	1,15 - 1,45 of the straight piping length of a pipeline; 26 m on 10 m <sup>2</sup> isolated surface	
	<b>Width:</b>	48 mm	
	<b>Height:</b>	25 m	EFXL04825ARSKBK
		50 m	EFXL04850ARSKBK
	<b>Temperature:</b>	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
	<b>Approximate expenditure:</b>	1,15 - 1,45 of the straight piping length of a pipeline;	
	<b>Width:</b>	48 mm	
	<b>Height, colour:</b>	25 m, blue	EFXL04825ARSKBL
		25 m, red	EFXL04825ARSKRD
	<b>Temperature:</b>	Not below 10°C	