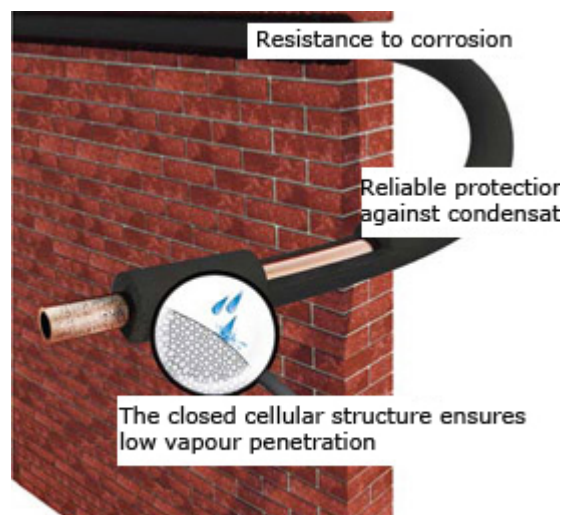


Tubes Energoflex® Black Star 2m

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, λ , 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, μ	3000	GOST 32303-2011
Reaction to fire	G1	TR №123-F3 at 22.07.2009, GOST 30244
Water absorption, kg/m ²	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				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
6/6-2	480	5,08	0,240	6/9-2	260	5,08	0,240
8/6-2	380	4,77	0,240	8/9-2	220	4,91	0,240
10/6-2	320	4,62	0,240	10/9-2	212	5,14	0,240
12/6-2	280	4,56	0,240	12/9-2	180	4,91	0,240
15/6-2	200	4,04	0,240	15/9-2	160	4,94	0,240
18/6-2	180	4,09	0,240	18/9-2	120	4,40	0,240
22/6-2	152	4,04	0,240	22/9-2	100	4,26	0,240
25/6-2	120	3,72	0,240	25/9-2	88	4,16	0,240
28/6-2	120	3,92	0,240	28/9-2	88	4,39	0,240


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	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 ² of the insulated surface		
	Insulation of fittings and accessories	0,096 L per 10 pcs. of fittings and accessories		
	Package:	1 L metal cans		
	Storage temperature:	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
	Blade length:	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
	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	