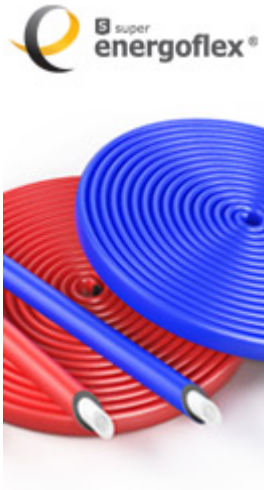


Tubes Energoflex® Super Protect

Description



Energoflex® Super Protect tubes are specially developed for the insulation of pipes of heating and water supply laid in floor and wall constructions. Insulation possesses high resistance to mechanical damages and aggressive construction materials. The polymeric coating increases the durability of pipes by 50 %, thus making the insulation a reliable protection for pipes, and the elastic layer of polyethylene foam helps to compensate thermal expansion of pipes. The advanced technology of simultaneous extrusion of a polyethylene tubes and a polymeric film provides reliable welding of thermal protection and a coating.



The release form in coils considerably reduces the cost of transportation and warehousing logistics.



The material possesses increased protection against mechanical impacts at site

Specifications



Specifications

Feature	Value			Method
	at 10°C	at 20°C	at 30°C	
Thermal conductivity λ , W/(m·°C)	0,038	0,039	0,040	GOST 32312-2011
Maximum service temperature, °C	+ 95			GOST EN 14707-2011
Reaction to fire	G1			ГОСТ 30244-94
Water vapour diffusion resistance μ , not less	9000			GOST 32303-2011
Corrosion safety	Resistance to aggressive construction materials – cement, concrete, gypsum, lime			
Environmental aspects	Chlorofluorohydrocarbons and sulfur free			

Range



Range of tubes 11 meters in length in coils and tubes 2 meters in length

Внутр. Ø, мм	Insulation thickness											
	Colour and standard size											
	Blue colour						Red colour					
	4 mm	Article	6 mm	Article	9 mm	Article	4 mm	Article	6 mm	Article	9 mm	Article
15	15/4-11	EFXT0150411SUPRS	15/6-2	EFXT015062SUPRS	15/9-2	EFXT015092SUPRS	15/4-11	EFXT0150411SUPRK	15/6-2	EFXT015062SUPRK	15/9-2	EFXT015092SUPRK
18	18/4-11	EFXT0180411SUPRS	18/6-2	EFXT018062SUPRS	18/9-2	EFXT018092SUPRS	18/4-11	EFXT0180411SUPRK	18/6-2	EFXT018062SUPRK	18/9-2	EFXT018092SUPRK
22	22/4-11	EFXT0220411SUPRS	22/6-2	EFXT022062SUPRS	22/9-2	EFXT022092SUPRS	22/4-11	EFXT0220411SUPRK	22/6-2	EFXT022062SUPRK	22/9-2	EFXT022092SUPRK
28	28/4-11	EFXT0280411SUPRS	28/6-2	EFXT028062SUPRS	28/9-2	EFXT028092SUPRS	28/4-11	EFXT0280411SUPRK	28/6-2	EFXT028062SUPRK	28/9-2	EFXT028092SUPRK
35	35/4-11	EFXT0350411SUPRS	35/6-2	EFXT035062SUPRS	35/9-2	EFXT035092SUPRS	35/4-11	EFXT0350411SUPRK	35/6-2	EFXT035062SUPRK	35/9-2	EFXT042092SUPRK
42					42/9-2	EFXT042092SUPRS					42/9-2	EFXT042092SUPRK

Range of tubes 2 meters in length

Внутр. Ø, мм	Insulation thickness							
	Colour and standard size							
	Blue colour				Red colour			
	13 mm	Article	20 mm	Article	13 mm	Article	20 mm	Article
18	18/13-2	EFXT018132SUPRS			18/13-2	EFXT018132SUPRK		
22	22/13-2	EFXT022132SUPRS	22/20-2	EFXT022202SUPRS	22/13-2	EFXT022132SUPRK	22/20-2	EFXT022202SUPRK
28	28/13-2	EFXT028132SUPRS	28/20-2	EFXT028202SUPRS	28/13-2	EFXT028132SUPRK	28/20-2	EFXT028202SUPRK
35	35/13-2	EFXT035132SUPRS	35/20-2	EFXT035202SUPRS	35/13-2	EFXT035132SUPRK	35/20-2	EFXT035202SUPRK
42	42/13-2	EFXT042132SUPRS	42/20-2	EFXT042202SUPRS	42/13-2	EFXT042132SUPRK	42/20-2	EFXT042202SUPRK

Packaging





Tubes in coils 11 meters in length packed in cartons with dimensions of 1095 x 395 x 395 mm.

Tubes being 2 meters in length are packed into cartons with dimensions of 2050 x 395 x 295 mm.

Insulation thickness, mm											
4				6				9			
stand. size	quant. per pack., m	gross weight, kg	package vol., m ³	stand. size	quant. per pack., m	gross weight, kg	package vol., m ³	stand. size	quant. per pack., m	gross weight, kg	package vol., m ³
15/4-11	352	4,25	0,171	15/6-2	200	4,10	0,240	15/9-2	140	4,58	0,240
18/4-11	308	4,22	0,171	18/6-2	180	4,15	0,240	18/9-2	120	4,46	0,240
22/4-11	264	4,18	0,171	22/6-2	152	4,10	0,240	22/9-2	100	4,32	0,240
28/4-11	220	4,27	0,171	28/6-2	120	3,98	0,240	28/9-2	88	4,45	0,240
35/4-11	176	4,12	0,171	35/6-2	80	3,51	0,240	35/9-2	60	3,90	0,240
								42/9-2	48	4,49	0,240

Insulation thickness, mm							
13				20			
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
18/13-2	90	4,90	0,240				
22/13-2	80	4,93	0,240	22/20-2	56	6,24	0,240
28/13-2	64	4,73	0,240	28/20-2	40	5,59	0,240
35/13-2	48	4,55	0,240	35/20-2	36	5,55	0,240
42/13-2	36	4,22	0,240	42/20-2	24	4,97	0,240

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	
Pipes 32 mm thick	40-50 linear m	
Pipes 40 mm thick	30-40 linear m	
Rolls and plates	~5 m ²	
Package:	0,5 L metal can	EFXADH0/5EXT
	0,8 L metal can	EFXADH0/8EXT
	2,6 L metal can	EFXADH2/6EXT
Storage temperature:	From + 10 to + 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 mitre box





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

Reinforced tape Energopro®

	Reinforced self-adhesive tape Energopro® 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	EPRL04810ARSKGR
		25 m	EPRL04825ARSKGR
		50 m	EPRL04850ARSKGR
Temperature:	Not below 10°C		

	Reinforced self-adhesive tape Energopro® of black color is applied at installation of Energoflex® Black Star and Energomax® 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	EPRL04825ARSKBK
		50 m	EPRL04850ARSKBK
	Temperature:	Not below 10°C	

	Reinforced self-adhesive tape Energopro® 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	EPRL04825ARSKBL
		25 m, red	EPRL04825ARSKRD
	Temperature:	Not below 10°C	