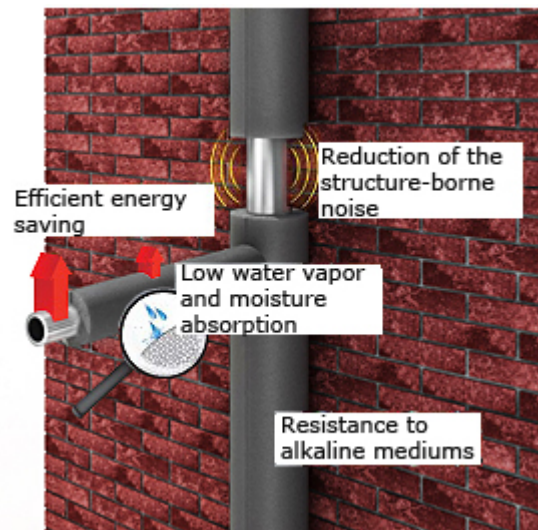


Tubes Energoflex® Super 2m

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

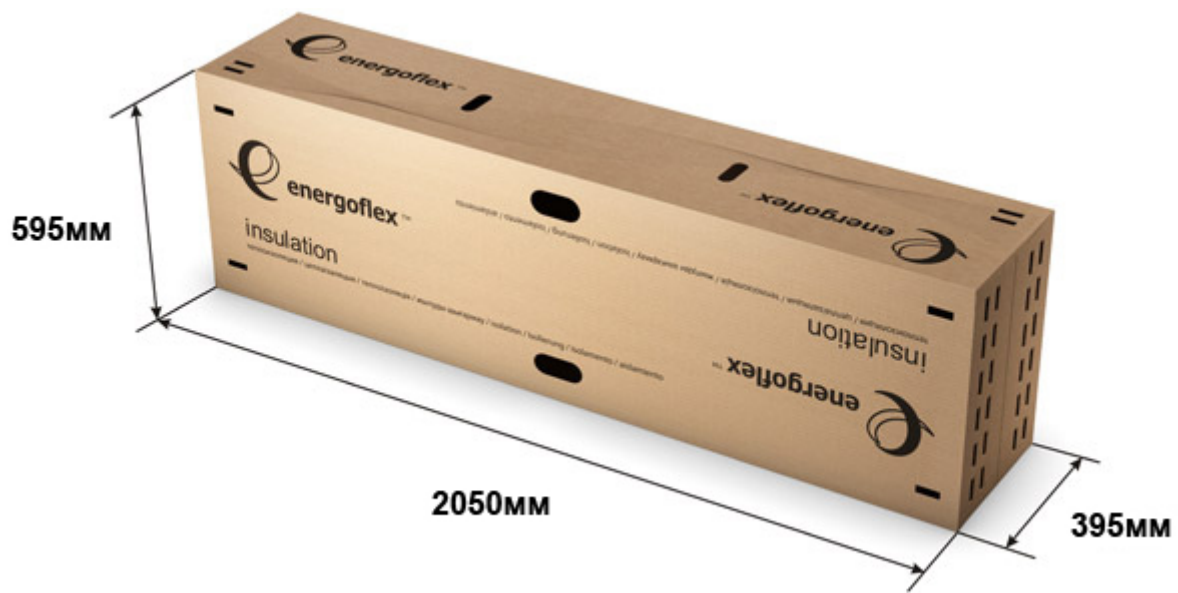


Range

| Inner Ø of insul., mm | Insulation thickness | | | | | | | | | |
|-----------------------|----------------------|--------------|---------|--------------|----------|--------------|----------|--------------|----------|--------------|
| | Designation of size | | | | | | | | | |
| | 6 mm | Article | 9 mm | Article | 13 mm | Article | 20 mm | Article | 25 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 | EFXT022132SU | 22/20-2 | EFXT022202SU | 22/25-2 | EFXT022252SU |
| 25 | 25/6-2 | EFXT025062SU | 25/9-2 | EFXT025092SU | 25/13-2 | EFXT025132SU | 25/20-2 | EFXT025202SU | | |
| 28 | 28/6-2 | EFXT028062SU | 28/9-2 | EFXT028092SU | 28/13-2 | EFXT028132SU | 28/20-2 | EFXT028202SU | 28/25-2 | EFXT028252SU |
| 35 | 35/6-2 | EFXT035062SU | 35/9-2 | EFXT035092SU | 35/13-2 | EFXT035132SU | 35/20-2 | EFXT035202SU | 35/25-2 | EFXT035252SU |
| 42 | | | 42/9-2 | EFXT042092SU | 42/13-2 | EFXT042132SU | 42/20-2 | EFXT042202SU | 42/25-2 | EFXT042252SU |
| 45 | | | 45/9-2 | EFXT045092SU | 45/13-2 | EFXT045132SU | 45/20-2 | EFXT045202SU | | |
| 48 | | | 48/9-2 | EFXT048092SU | 48/13-2 | EFXT048132SU | 48/20-2 | EFXT048202SU | 48/25-2 | EFXT048252SU |
| 54 | | | 54/9-2 | EFXT054092SU | 54/13-2 | EFXT054132SU | 54/20-2 | EFXT054202SU | 54/25-2 | EFXT054252SU |
| 60 | | | 60/9-2 | EFXT060092SU | 60/13-2 | EFXT060132SU | 60/20-2 | EFXT060202SU | 60/25-2 | EFXT060252SU |
| 64 | | | 64/9-2 | EFXT064092SU | 64/13-2 | EFXT064132SU | 64/20-2 | EFXT064202SU | 64/25-2 | EFXT064252SU |
| 76 | | | 76/9-2 | EFXT076092SU | 76/13-2 | EFXT076132SU | 76/20-2 | EFXT076202SU | 76/25-2 | EFXT076252SU |
| 89 | | | 89/9-2 | EFXT089092SU | 89/13-2 | EFXT089132SU | 89/20-2 | EFXT089202SU | 89/25-2 | EFXT089252SU |
| 110 | | | 110/9-2 | EFXT110092SU | 110/13-2 | EFXT110132SU | 110/20-2 | EFXT110202SU | 110/25-2 | EFXT110252SU |
| 114 | | | 114/9-2 | EFXT114092SU | 114/13-2 | EFXT114132SU | 114/20-2 | EFXT114202SU | 114/25-2 | EFXT114252SU |
| 133 | | | 133/9-2 | EFXT133092SU | 133/13-2 | EFXT133132SU | 133/20-2 | EFXT133202SU | | |
| 160 | | | 160/9-2 | EFXT160092SU | 160/13-2 | EFXT160132SU | 160/20-2 | EFXT160202SU | | |

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 | | | |
|-----------------------------|-------------------------|------------------|--------------------------------|
| 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 |
| 42/25-2 | 46 | 8,12 | 0,482 |
| 48/25-2 | 42 | 8,12 | 0,482 |
| 54/25-2 | 38 | 8,01 | 0,482 |
| 60/25-2 | 34 | 7,82 | 0,482 |
| 64/25-2 | 32 | 7,74 | 0,482 |
| 76/25-2 | 26 | 7,34 | 0,482 |
| 89/25-2 | 20 | 6,69 | 0,482 |
| 110/25-2 | 14 | 6,51 | 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 | 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 | |

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 | EFXCLIPS100 |
| | Quantity per package: | 100 pcs. | |
| | Note: | Clips are allowed to be used only in heating systems and hot water supply systems. | |


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

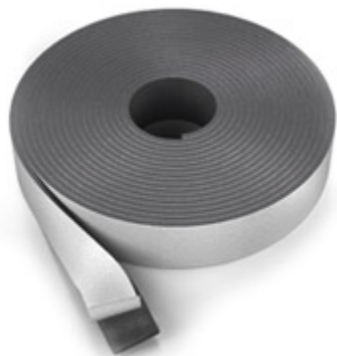
| | | | |
|---|---|--------|----------|
|  | <p>A montage knife with a specific sharpening is intended for the insulation cutting. The knife has a special form and dimensions allowing to simplify the work of a professional fitter as much as possible.</p> | | Артикул |
| | Blade length: | 270 mm | EFXKNIFE |

Reinforced tape Energoflex®

| | | | |
|--|---|--|-----------------|
|  | <p>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.</p> | | 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 | | |

| | | | |
|---|---|--|-----------------|
|  | <p>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.</p> | | 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 | |

| | | | |
|---|--|--|-----------------|
|  | <p>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.</p> | | 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 ($\lambda_0=0,035 \text{ Вт}/(\text{м}\cdot^\circ\text{C})$) 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

Width:

50 mm

Length:

15 m

Temperature:

Not below 10°C

EFXL0305015SUSK