

# Unionflex Presentation

Russian  
Rubber Foam  
Technical Grade  
Heat Insulation



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# About the company

Unionflex is a Russian manufacturer of rubber foam technical grade heat insulation with improved heat and noise insulation. We have been in the market since 2018.

We have formed  
a team of specialists



We have developed  
a supply network  
throughout Russia

We have increased our production capacities to provide the entire  
scope of technical grade heat insulation in the market

# Company's mission

- Extending the product range
- Development of production
- Remaining environment-friendly
- Entering foreign markets



# Why Unionflex?

**25 years**  
materials service life

Execution of  
exclusive orders



**5**  
product categories

Russian full  
cycle production



Required  
documentation  
available



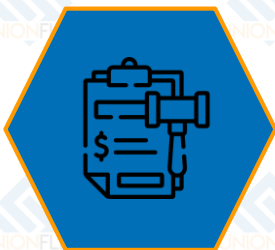
# Why Unionflex?

Our main advantages are domestic raw materials and import substitution in production

We do not depend on foreign investment



We are immune to sanctions



We are immune to the geopolitical situation



# Heat insulation applications

## Civil and industrial construction and renovation



Heating, water supply, sewerage, ventilation, air conditioning, and refrigeration

## Industrial refrigeration



Heat exchange and fast-freezing equipment, home and industrial refrigeration systems

## Oil refining



Outfitting factories, oil platforms, and deposits

## Cryogenics



Equipment of tanks, cisterns, pipelines, and storage and gasification systems

# Heat insulation applications

## Military and special purpose facilities



Space-vehicle launching sites, airfields, and military unit infrastructure

## Shipbuilding



Tankers, military ships and civilian vessels

## Liquefied natural gas



Outfitting tankers, storage facilities, vehicles, and factories

## Solar energy



Solar heating panels, inlet and outlet steel and copper pipes



# Product categories

## Pipes



For surfaces with negative and positive temperatures

## Rolls



For heat and sound insulation of ventilation and air conditioning systems

## Tapes and coatings



For additional fixation of adhesive seams and reducing the risk of cold and heat bridges

# Product categories

## Adhesive



For bonding insulating materials and coatings to each other and to metals

## Cleaner



For preparing bonded surfaces, cleaning tools, and diluting thickened adhesive

Our products are  
asbestos-free

# Unionflex pipes

## Water vapor diffusion resistance

➤  $\geq 7,000$

## Applications

- technological pipes
- refrigeration units
- ventilation and air conditioning
- water supply and sewerage
- Heating
- cryogenic equipment

## Application temperature

➤  $-200$  to  $+105$  °C



# Unionflex pipes

## Coating variants



W/o additional coating (STD)



With longitudinal cut and self-adhesive film (CM)



With reinforced aluminum foil (METALL)



With smooth surface PVC coating (PVC)



With fiberglass (PROM FORMA)



With foiled fiberglass (PROM FORMA FOIL)



With titanium coating (TITAN)

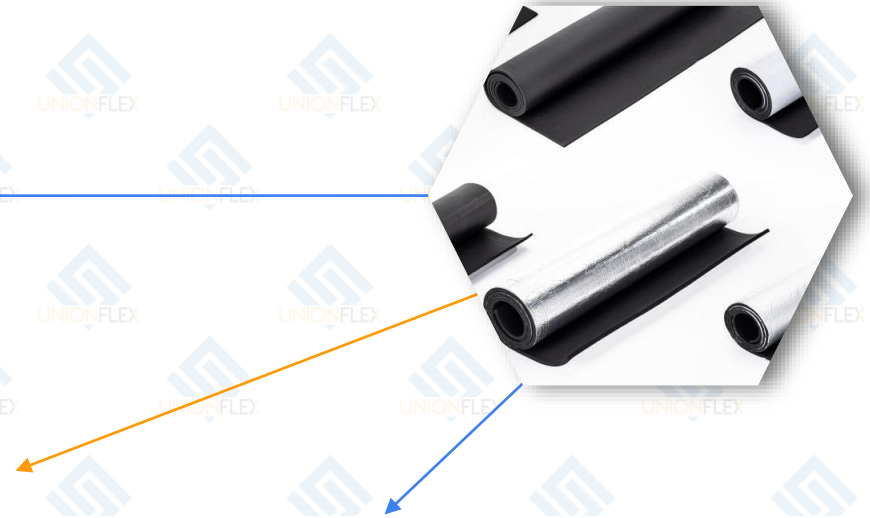
# Unionflex rolls

Water vapor diffusion resistance

➤  $\geq 8,000$

Applications

- ventilation and air conditioning system
- technological pipelines and tanks
- cryogenic and refrigeration units



Application temperature

➤  $-150$  to  $+110$  °C

# Unionflex rolls

## Coating variants



W/o additional coating (STD)



With longitudinal cut and self-adhesive film (CM)



With reinforced aluminum foil (METALL)



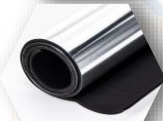
With smooth surface PVC coating (PVC)



With fiberglass (PROM FORMA)



With foiled fiberglass (PROM FORMA FOIL)



With titanium coating (TITAN)



With PETF film (ALU)

# Unionflex ribbons and coatings

## Purpose

- they eliminate joints and seams in building structures
- they prevent fungus and mold

## Coating variants

- with longitudinal cut and self-adhesive film (CM)
- with reinforced aluminum foil (METALL)
- with smooth surface PVC coating (PVC)
- with foiled fiberglass (PROM FORMA FOIL)
- with fiberglass (PROM FORMA)
- with titanium coating (TITAN)
- with PETF film (ALU)



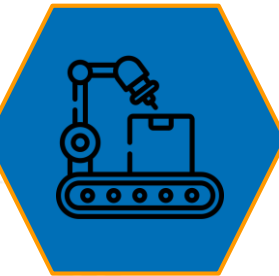
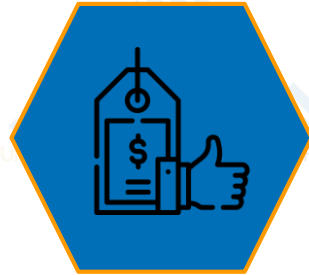
# For Distributors

## Our advantages



Full-cycle  
production factory  
in the Oryol  
Region

Flexible pricing



Own engineering  
inspection testing  
department

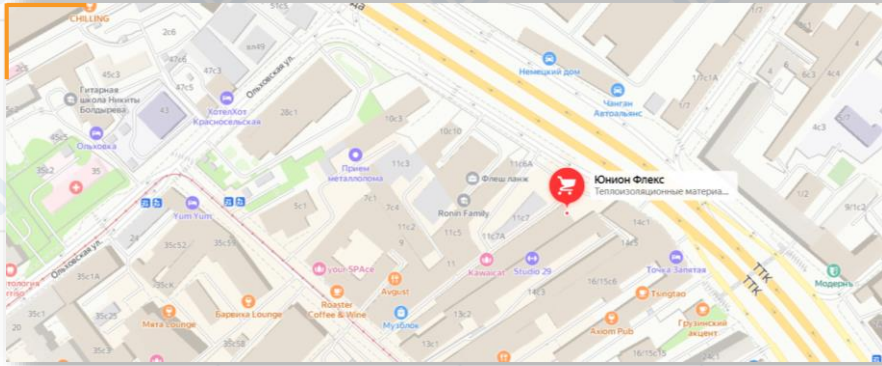
We ship from the  
storage on the  
day of payment







# Contact details



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