

# POLYETHYLENE PIPES

TU 2248-015-67740692-2010, TU 21.21.21-120-78682242-2022 FOR INDUSTRIAL APPLICATIONS

TU 2248-014-67740692-2010, TU 22.21.21-132-78682242-2022 FOR SERVICE AND DRINKING WATER

SUPPLY TU 2248-017-67740692-2010, TU 22.21.21-134-78682242-2023 FOR GAS PIPELINES



## Purpose

- For the construction of free-flow conduits for industrial application.
- For heat insulation of pipes as outer protective sheathing.
- For cable routing.
- For the construction of pressure pipelines for service and drinking water supply.
- For construction of underground gas pipelines at maximum gas temperature up to 104 °F and operating pressure up to 0.17 ksi.

## Diameter range

- Industrial, Ø from 2.6 to 21.26 in.
- Drinking, as per GOST 18599.
- Gas, as per GOST R 50838.

Supplied in straight sections, bundles.

## Materials used

- PE 80.
- PE 100.

## Advantages

- Absence of all types of corrosion.
- Low microbiological fouling.
- Polyethylene water-service pipes are environmentally friendly, toxicologically and bacteriologically safe.
- Good heat-insulating properties.
- No effect on the gustatory qualities and odor of drinking water.
- High durability (guaranteed service life of 50 years).
- Over time, the polyethylene pipe capacity does not deteriorate (there is no mechanical clogging of the water service pipe due to the low surface roughness).
- High resistance of polyethylene pipes to mechanical overloads due to such properties of polyethylene as elasticity.
- Polyethylene pipes are 2-4 times lighter than steel, which greatly facilitates their transportation and installation.
- The butt welding of polyethylene pipes is much cheaper, more reliable and easier, takes less time and does not require consumables (insulation, electrodes).