



STP GROUP OF COMPANIES

POLYMER PRODUCTS

www.stp.az



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GENERAL INFORMATION ABOUT

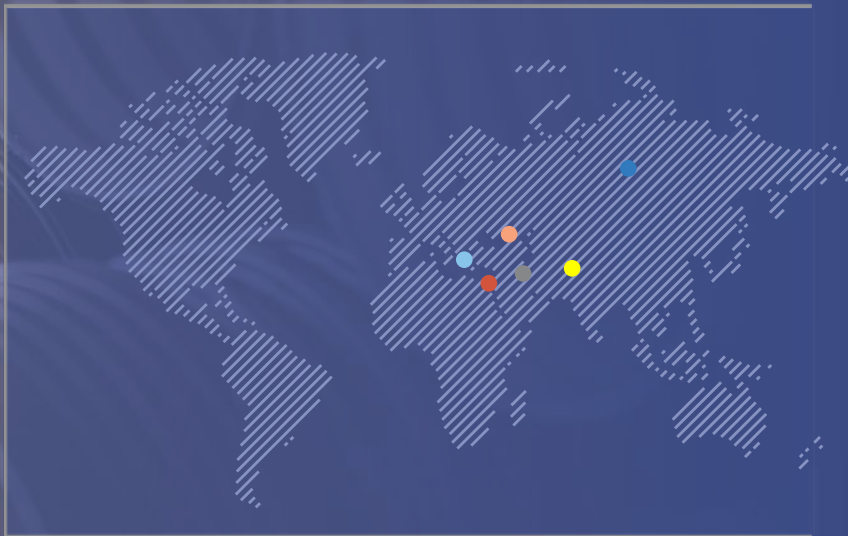
STP Group of Companies' polymer plant is the second-largest manufacturing plant within the Group by area. Commissioned in December 2009, it specializes in the production of a wide range of polymer pipes and is one of **the largest industrial enterprises manufacturing** polymer products in the region.

The main products produced at the facility include large-diameter **(DN 1200 mm)**, pressure-resistant polyethylene pipes; polyethylene fittings produced by welding and molding methods; large-diameter **(DN 1000 mm)**, double-layer corrugated pipes; and even larger-diameter **(DN 3500 mm)** spiral-wound pipes. The enterprise's injection plant produces lane separators, plastic furniture, stadium seating, and a variety of other products.

The production processes are carried out in three large, modern plants located in Sumgait, covering a total area of **250,000 m²**, equipped with the latest technologies and fully integrated automation systems.



POLYMER PLANT OF THE STP GROUP OF COMPANIES IS **ONE OF THE LARGEST AND LEADING MANUFACTURING COMPLEXES** FOR PLASTIC PRODUCTS AND POLYMER PIPE SYSTEMS IN THE CAUCASUS REGION.



AREAS OF ACTIVITY:

- POLYETHYLENE PIPES
- INJECTION MOULDED PRODUCTS
- CORRUGATED PIPES
- POLYPROPYLENE PIPES



SECTORS:

- AGRICULTURE
- OIL AND GAS
- CONSTRUCTION
- INDUSTRY
- TRANSPORTATION



EXPORT

- ISRAEL
- GEORGIA
- RUSSIA
- KYRGYZSTAN
- ALBANIA
- IRAQ



EQUIPMENT

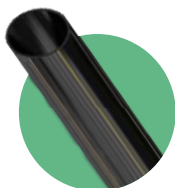
- “UNICOR” (Germany)
- “BATTENFIELD” (Germany)
- “KRAH” (Germany)
- “KRAUSS MAFFEI” (Germany)
- “MAINTOOLS” (Germany)
- “ATKA” (Germany)
- “WEBER” (Germany)
- “MIKROSAN” (Türkiye)
- “SCITEQ” (Denmark)



OUR STRENGTHS AND ADVANTAGES

The production areas at the plant have been established in accordance with the requirements of international standards **ISO 9001:2015**, **ISO 14001:2015**, and **OHSAS 18001:2007**.

The quality indicators of both the raw materials used and all finished products are tested in accredited laboratories in accordance with the requirements of the **AZS ISO/IEC 17025:2005** standard.



THE INFRASTRUCTURE PIPE

production area
has a capacity of

100 000
tons per year



THE SURFACE PIPE

production area
has a capacity of

70 000
tons per year



THE FITTINGS AND PLASTIC INJECTION

production area
has a capacity of

30 000
tons per year



THE CORRUGATED PIPE PRODUCTION LINE



OUR PRODUCTS

STP Group of Companies' Polymer Plant operates more than **80 production lines** for a wide range of applications. All manufacturing processes are carried out using state-of-the-art technological equipment supplied by leading companies from Germany, Austria, Italy, and Türkiye. High-quality raw materials are used in the production of all products.

PE pipes (diameter up to **20–1200 mm**), PPH, PPR, PPR-C pipes, corrugated pipes (diameter up to **1000 mm**), drip irrigation pipes, fittings of various sizes, fruit crates for agriculture, bicycle lane separators, delineators, stadium seating.

For all types of pipes manufactured, a wide range of fittings and sockets are produced according to the pipe diameter and material. This ensures faster, more reliable, and more efficient installation.



**Polypropylene
PPR Pipes**



**Fiberglass Three-Layer
PPRC Fibre Pipes**



**Polypropylene Socket
Pipes for Internal Sewage**



**Drip Irrigation
Pipes**



**P100
pipes**



**Double-Layer
Corrugated Pipes**



**Single-Layer
Corrugated Pipes**



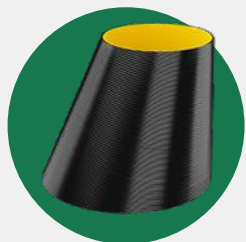
**Cast Fittings for
PE 100 Pipes**



**PPH Sewage
Fittings**



**Fittings for
Corrugated Pipes**



**Concentric and
Eccentric Crossovers**



**Spirally Rolled High-Pressure
and Low-Pressure Pipes with
a large diameter**



Delineators



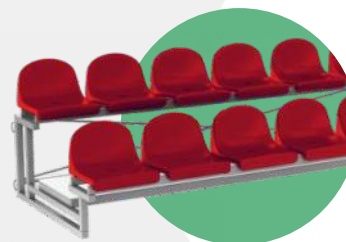
**Polymer
crates**



**Welded Fittings for
PE 100 Pipes**



**Child
Seats**



**Stadium
seats**



**Bicycle lane
separators**



INFRASTRUCTURE GROUP

POLYMER PIPES

INFRASTRUCTURE GROUP

At the enterprise, manufacturing operations utilizing the latest technologies and a fully integrated automated system are conducted across three major modern plants in Sumqayıt, with a combined area of **250,000 m²**.

POLYMER PLANT OF THE STP GROUP OF COMPANIES IS **ONE OF THE LARGEST AND LEADING MANUFACTURING COMPLEXES** FOR PLASTIC PRODUCTS AND POLYMER PIPE SYSTEMS IN THE CAUCASUS REGION.

PRODUCTS

- HDPE 100 pipes
- HDPE 100 fittings
- HDPE pipes for natural gas transportation
- Drip Irrigation Pipes
- Corrugated pipes
- Fittings for corrugated pipes
- Spiral Corrugated Pipes
- Corrugated Drainage Pipes
- HDPE Drainage Pipes
- Double-layer corrugated pipes for cable protection
- Single-layer and double-layer PE pipes for cable protection



HDPE 100 WATER PIPES

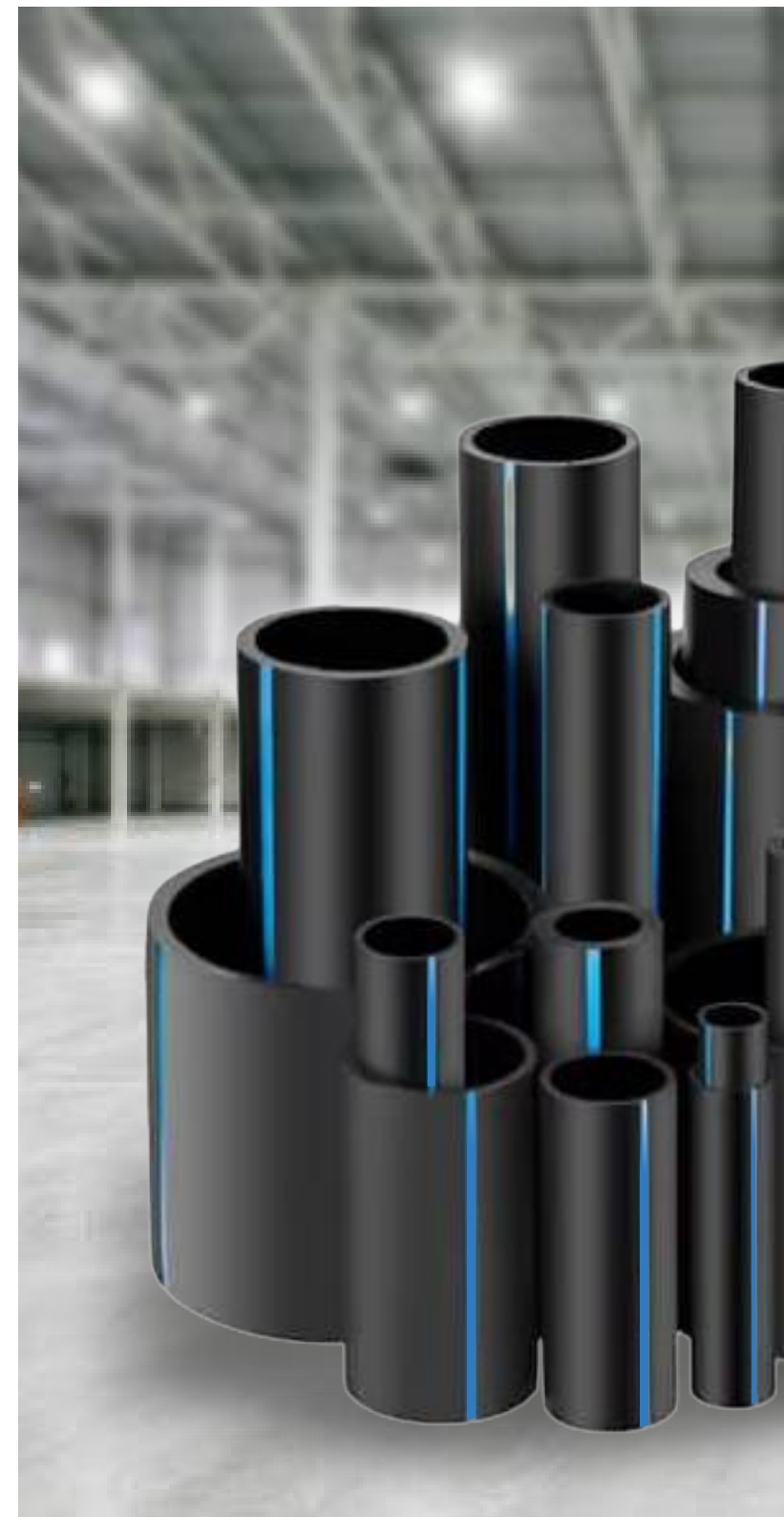
20mm - 1.200mm / Pn5 - Pn20

STP Group of Companies' polymer plant is the sole manufacturer of **the largest-diameter pressure polyethylene pipes in the country.**

Pressure-resistant polyethylene pipes with diameters up to **DN 1200 mm** are produced at the plant.

AREAS OF APPLICATION

- Drinking water networks
- Irrigation systems in agriculture
- Industrial water discharge
- Sewage and drainage systems
- Cooling water pipelines
- Deep sea currents
- Firefighting systems
- Geothermal piping systems
- Cable protectors



HDPE 100 GAS PIPES

20mm - 315mm / SDR 17 - SDR11

ADVANTAGES

- Maintains elasticity up to 40°C
- Resistant to earthquake effects due to its elastic structure
- Chemically resistant to various substances
- The combination with electrofusion welding allows elimination of gas leaks
- Gas flow can be stopped during repair using the clamp method
- Produced in rolls, requiring fewer fittings and minimizing gasket leak risks
- Can be joined outside the trench and then placed into it
- Minimizes excavation work
- Easy and simple pipe installation
- Longer-lasting and more cost-effective compared to steel pipes

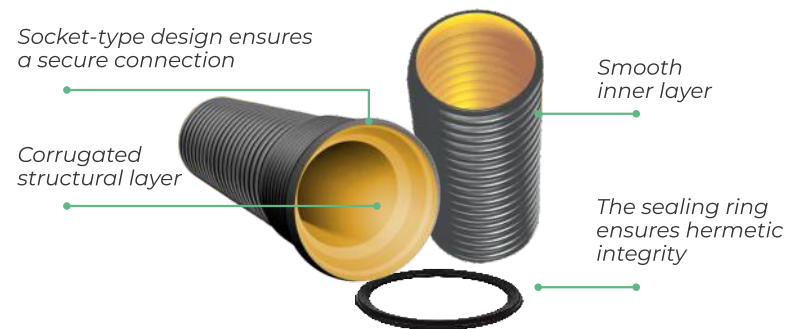
CORRUGATED PIPES

150mm - 1000mm / SN 4 - 8 kN/m²

STP Group of Companies' polymer plant is the sole manufacturer **of the country's largest-diameter corrugated pipes**. The plant manufactures corrugated pipes with diameters of up to **DN 1000 mm** and ring stiffness classes **SN 4** and **SN 8**.

AREAS OF APPLICATION

- Sewage disposal
- Rainwater drainage system
- Non-pressurized water transport
- Industrial wastewater discharge
- Cable protection systems
- Livestock feeding systems



Length:
1-6
meter

SPIRAL CORRUGATED PIPES

DN 800 - 3.500mm / SN 4-16 kN/m²

STP Group of Companies' polymer plant is the sole manufacturer in the CIS region of co-extruded pipes reinforced with a spirally wound profile, with diameters of up to **3,500 mm** and a pressure rating of **up to 6 bar**.

These pipes are manufactured on equipment from **“Krah Pipes GmbH”**, Germany, a world leader in pipe production.

Pipes with a ring stiffness of **up to SN16 kN/m²** can withstand higher static and dynamic loads.

AREAS OF APPLICATION

- Making water transmission from drinking water reservoirs for irrigation purposes
- Replacement of open water channels with large-diameter pipelines
- Used for construction of wells, shafts, reservoirs, and bridges over small rivers
- Applied in hydroelectric power plant cooling systems and for wastewater discharge





SURFACE PIPELINE GROUP

POLYMER PIPES

SURFACE PIPELINE GROUP

PP / EN 1329-1

DN20 – 90 mm

AREAS OF APPLICATION

- Sewage and wastewater discharge systems
- Electrical and communication systems
- Underground and surface wastewater transport systems

ADVANTAGES

- Easy installation and handling
- Joining system with adhesive socket coupling
- Lightweight structure
- Smooth and glossy surface
- Wide range of standard molded fittings
- High-level impact resistance
- Low pressure loss
- Long-term durability
- Wide range of color variations
- Highly resistant to chemical exposure and friction
- Resistant to stray electrical current

PP-R STANDARD

ГОСТ 32415-2013 / DN 20-90 mm / PN 10 - PN 25

ADVANTAGES

- Can be used within a temperature range of 5°C to 95°C
- Working pressure capacity: 20 bar at 20°C; 10 bar at 90°C
- High resistance to corrosion, roughness, and sediments
- Approved for use in drinking water systems
- No limitations occur at the pipe welding joints
- Provides enhanced welding efficiency
- Does not alter the taste, color, or smell of water
- Resistant to chlorine and chloramine disinfectants
- Offers cost-efficient and time-saving installation
- Reduces overall material and installation expenses versus metal pipe systems
- Highly resistant to chemical exposure
- Long-term durability
- Resistant to freezing in cold conditions
- Soundproof



AREAS OF APPLICATION

- Distribution of hot and cold water supply for residential and commercial use
- Installation systems for drinking water pipelines
- Hydronic distribution for radiators, convectors, fan coils, chilled beams
- Underfloor and central heating systems
- Intended for use in air ducts or industrial systems
- Collection and distribution of reclaimed water
- Agricultural irrigation systems



PP-R FIBER GLASS PIPES

ГОСТ 32415-2013/DN 20-75 mm/PN 20 – PN 25

ADVANTAGES

- Resistant to acids and chlorine exposure
- Can be used within a temperature range of 5°C to 95°C
- Working pressure capacity: 20 bar at 20°C; 10 bar at 90°C
- High resistance to corrosion, roughness, and sediments
- Approved for use in drinking water systems
- No limitations occur at the pipe welding joints
- Provides enhanced welding efficiency
- Does not alter the taste, color, or smell of water
- Resistant to chlorine and chloramine disinfectants
- Offers cost-efficient and time-saving installation
- Reduces overall material and installation expenses versus metal pipe systems
- Highly resistant to chemical exposure
- Long-term durability
- Resistant to freezing in cold conditions
- Soundproof

AREAS OF APPLICATION

- Installation systems for drinking water pipelines
- Suitable for hot and cold water distribution in building systems
- Underfloor and central heating systems
- Intended for use in air ducts or industrial systems
- Agricultural irrigation systems



MICROMOBILITY LANE SEPARATORS

AREAS OF APPLICATION

- Micromobility lane separators are designed to separate the traffic lanes of bicycles, scooters, and similar light vehicles from those of motorized vehicles
- The lane separators are placed on pre-marked lines and securely fastened to the road surface with bolts at four points
- Depending on the installation area, they can be installed parallel to each other or at a specified angle

Width (mm)
210

Length (mm)
820

Height (mm)
130



**SAFE ROAD
ENVIRONMENT
FOR CYCLISTS**

EFFECTIVE SOLUTION FOR TRAFFIC CONTROL AND SAFETY

PLASTIC DELINEATORS

Plastic delineators are used on roads and parking areas to guide traffic, ensure safety, and create temporary barriers

AREAS OF APPLICATION

- Highways
- Driving school training areas
- Parking lots (indoor and outdoor)
- For warning vehicles and pedestrians during roadworks
- Construction sites and facility entrances/exits
- Public areas and all zones requiring occupational safety

Width (mm)	Length (mm)
8	45
8	75



PLASTIC CHILD SEATS

Plastic seats designed for preschool-aged children stand out for their elegant design, comfort, and practical functionality.

These seats, made from high-quality polymer raw materials:

ADVANTAGES

- Made from eco-friendly and hypoallergenic materials
- Resistant to heavy loads, designed for everyday use
- Ensures safety with smooth surfaces and rounded edges
- Compact and lightweight for easy handling by kids

AREAS OF APPLICATION

- Homes
- Activity and play centers
- Kindergartens
- Events and outdoor spaces

**LIGHTWEIGHT
ERGONOMIC
SAFE**



AVAILABLE IN
MULTIPLE COLORS

**DURABLE
PRACTICAL
READY FOR USE**

PLASTIC CRATES FOR FRUITS AND VEGETABLES

Plastic crates for fruits and vegetables, made from high-quality plastic, are distinguished by their sturdy construction, lightweight design, and reusability. Ventilation holes help maintain product freshness and extend storage life.

ADVANTAGES

- Designed for easy and comfortable handling
- Can be conveniently stacked
- Durable against humidity, water exposure, and temperature changes
- Easy to clean, made from antibacterial materials
- Suitable for repeated use
- Available in various sizes and colors

AREAS OF APPLICATION

- Agriculture
- Supermarkets and bazaars
- Logistics and warehousing
- Home and garden use





QUALITY CONTROL

CERTIFICATION

The production areas in the plant are established in accordance with the requirements of international standards **ISO 9001:2015**, **ISO 14001:2015**, **ISO 45001:2018**.

The quality of both raw materials and all finished products is tested in accredited laboratories in accordance with the requirements of **AZS/ISO/IEC 17025:2005**.



ISO
9001:2015
14001:2015
45001:2018

international standards





CONTACT



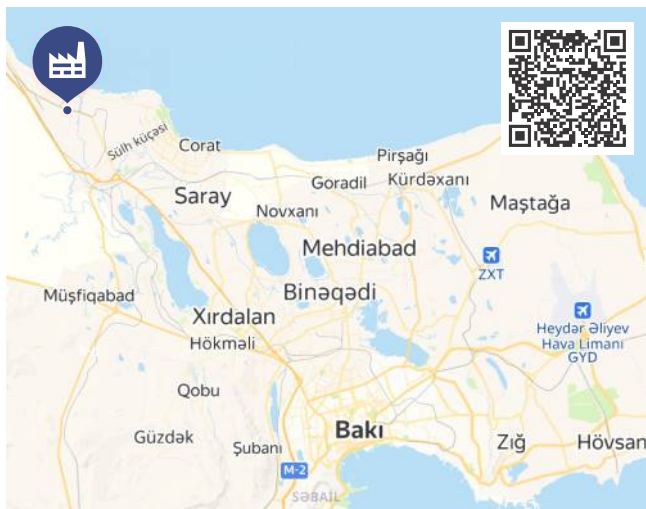
H.Z.Taghiyev settlement,
Sumgayit, Azerbaijan AZ5022



***0990**



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STP collaborates with companies across various sectors through its industry-compliant production capabilities and quality-driven approach.

Our technologically advanced equipment and adaptable production infrastructure empower us to offer partners high-quality, functional solutions.

Our proven systems and skilled specialists ensure that every partnership is built on a reliable and trustworthy basis.

If stability and functionality are your priorities in manufacturing, partnering with STP may be the right choice.

50-year warranty

on pipes

Annual production
capability: more than

250.000
tons



