



STP GROUP OF COMPANIES

POLYMER PRODUCTS

SERVICE AND PRODUCT INFORMATION

www.stp.az

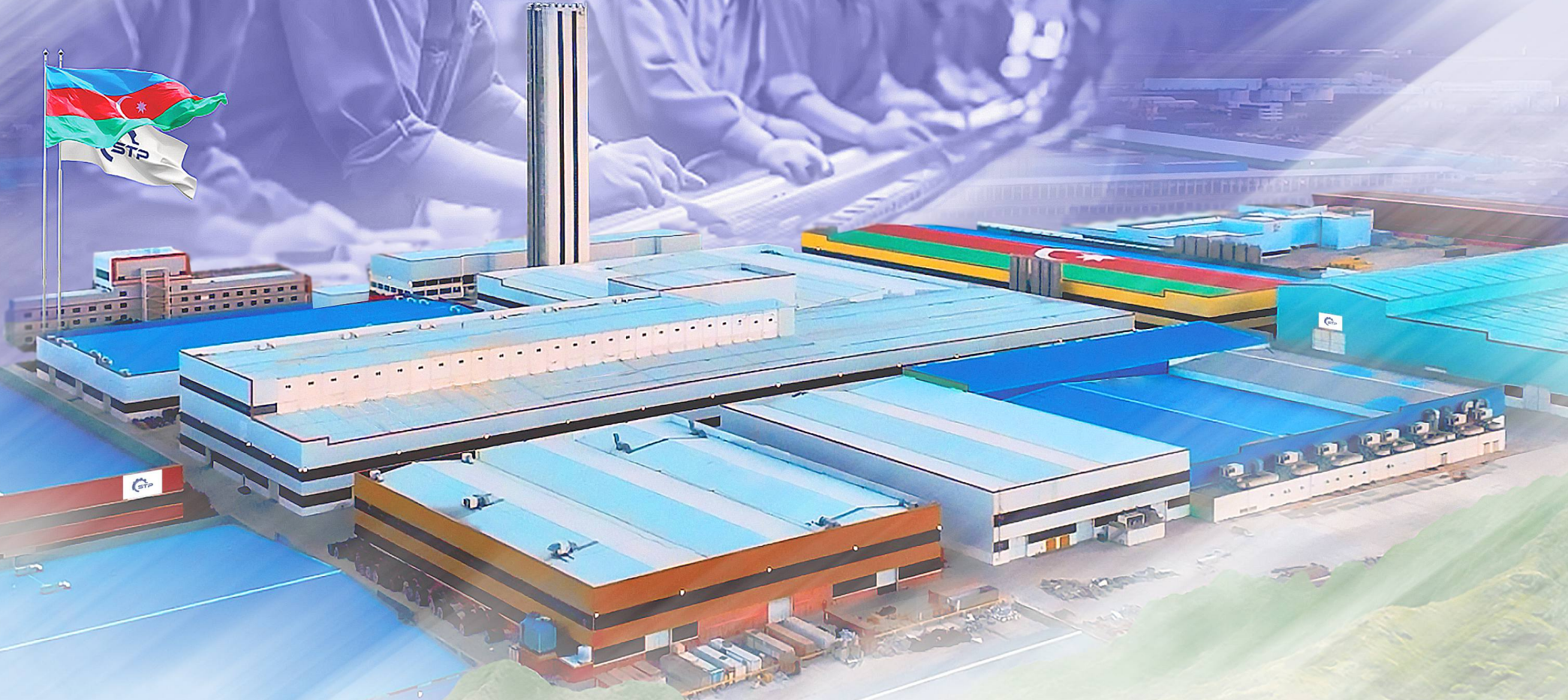
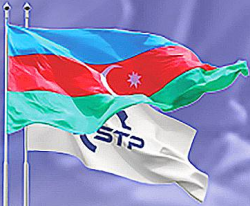


TABLE OF CONTENTS

02

GENERAL INFORMATION

04

OUR STRENGTHS AND ADVANTAGES

05

OUR PRODUCTS

09

INFRASTRUCTURE GROUP

15

SURFACE PIPELINE GROUP

18

TRAFFIC LANE SEPARATORS

19

DELINEATORS

20

CHILD SEATS

21

PLASTIC CRATES

22

QUALITY CONTROL

STP POLYMER

GENERAL INFORMATION ABOUT

STP Polymer is the second-largest facility in terms of area within the STP Group of Companies. Commissioned in December 2009, this plant specializes in the production of various polymer pipes and is one of the largest industrial enterprises producing 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.



STP POLYMER STANDS AS ONE
OF THE 3 MAJOR
WORLDWIDE CENTERS FOR
PLASTIC PRODUCT PRODUCTION



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

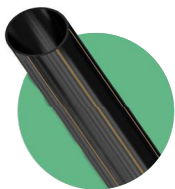
- “UNICOR” (Germany)
- “BATTENFIELD” (Germany)
- “KRAH” (Germany)
- “KRAUSS MAFFEI” (Germany)
- “MAINTOOLS” (Germany)
- “ATKA” (Germany)
- “WEBER” (Germany)
- “MIKROSAN” (Türkiye)
- “SCITEQ” (Denmark)



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

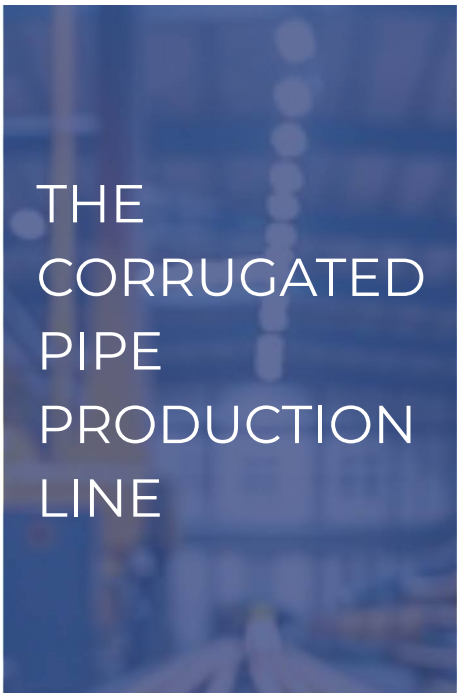


THE FITTINGS AND PLASTIC INJECTION

production area has a capacity of

30 000
tons per year





THE CORRUGATED PIPE PRODUCTION LINE



OUR PRODUCTS

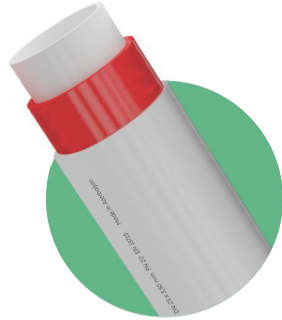
STP POLYMER operates more than 80 production lines for various purposes. All manufacturing processes are carried out using the most advanced technological equipment from leading companies in Germany, Austria, Italy, and Turkey. High-quality raw materials are used in the production of all products.

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.

Based on principles of modern production and product quality diversity, **STP POLYMER** has set the goal of becoming both a leading manufacturer and an export leader in Azerbaijan's plastics sector, as a result of significant progress achieved over the years.



**Polypropylene
PPR Pipes**



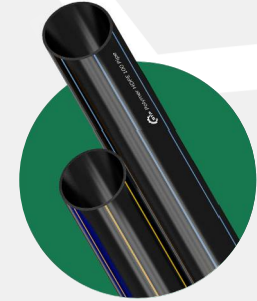
**Fiberglass Three-Layer
PPRC Fibre Pipes**



**Polypropylene Socket
Pipes for Internal Sewage**



**Drip Irrigation
Pipes**



**P100
pipes**



**Double-Layer
Corrugated Pipes**



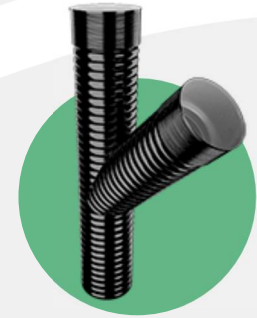
**Single-Layer
Corrugated Pipes**



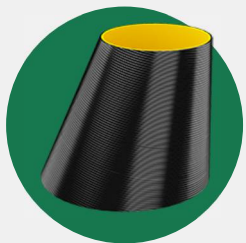
**Cast Fittings for
PE 100 Pipes**



**PPH Sewage
Fittings**



**Fittings for
Corrugated Pipes**



Concentric and Eccentric Crossovers



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



Delineators



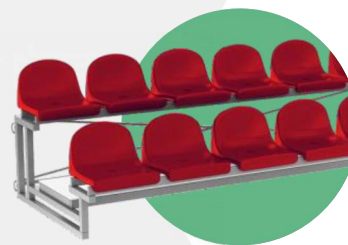
Polymer crates



Welded Fittings for PE 100 Pipes



Child Seats



Stadium seats



Bicycle lane separators



INFRASTRUCTURE GROUP

INFRASTRUCTURE GROUP



Based on principles of modern production and product quality diversity, **STP Polymer** has aimed to become both a leading manufacturer and an export leader in Azerbaijan's plastics sector, as a result of significant progress achieved over the years.

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

STP POLYMER STANDS AS ONE OF THE **THREE MAJOR** WORLD CENTERS FOR PLASTIC PRODUCT PRODUCTION

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

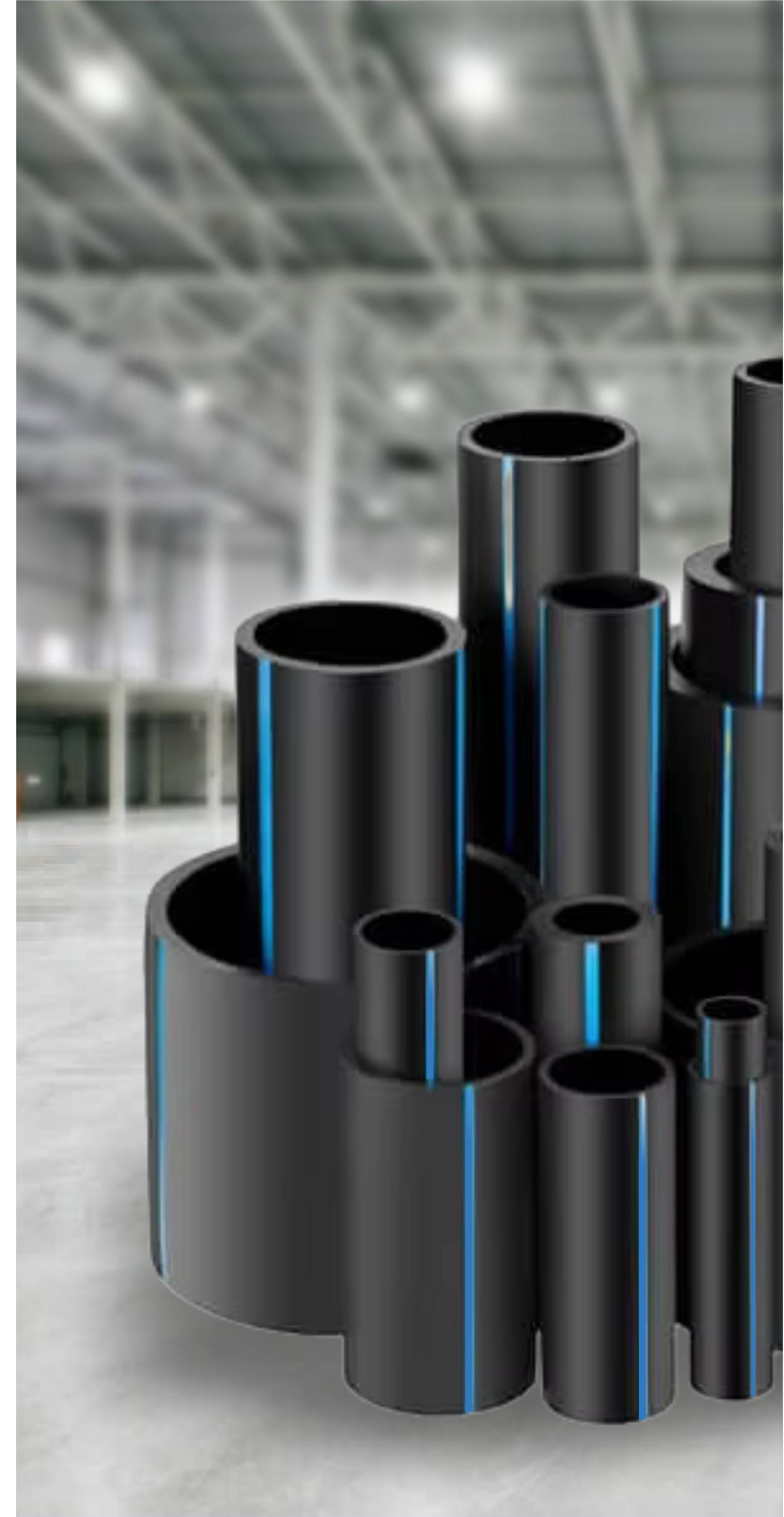
20mm - 1.200mm / Pn5 - Pn20

STP Polymer LLC is the sole manufacturer of the largest-diameter pressure-resistant polyethylene pipes in our 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

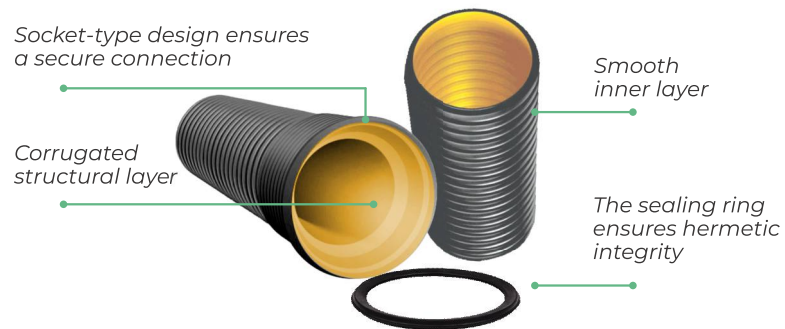
150mm - 1000mm / SN 4 - 8 kN/m²

STP Polymer LLC is the sole manufacturer of the largest-diameter corrugated pipes in our country

Pipes with diameters up to **DN 1000 mm** and ring stiffness of **SN 4** and **SN 10-8 kN/m²** are manufactured at the plant.

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 Polymer is the sole manufacturer in the CIS region of **3,500 mm** diameter pipes reinforced with a spirally wound profile using the co-extrusion method and pressure-resistant for **up to 6 atmospheres**.

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

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**.



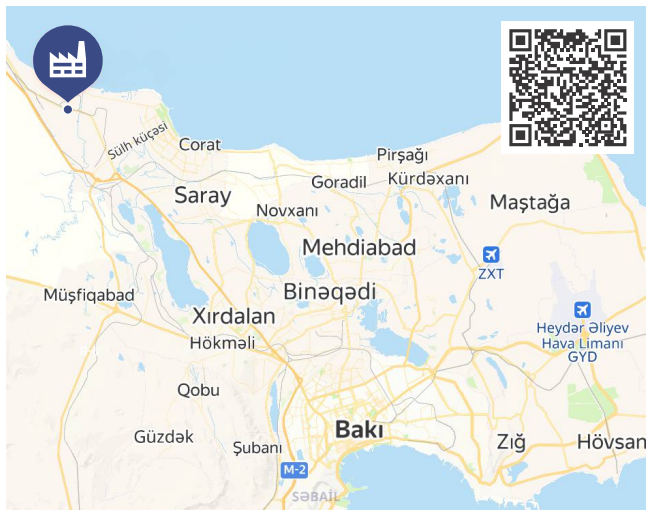
ISO
9001:2015
14001:2015
45001:2018
international standards

Contact

 H.Z.Taghiyev settlement,
Sumgayit, Azerbaijan AZ5022

 ***0990**

 info@stp.az / sales@stp.az



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

