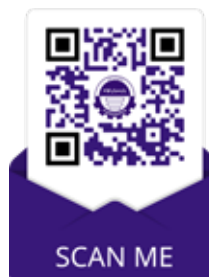




# PARSIAN PIPE COMPANY

Quality  
Reliability  
Responsibility  
Our Commitment



# Our Story

Parsianpipe has been a leading provider of high-quality polyethylene solutions since its establishment in 2001. Our primary focus is on meeting the developmental needs of the region. Throughout the years, we have gained the trust of our customers by prioritizing quality, reliability, and responsibility.

Our facilities are located in the expansive Shams Abad industrial town, one of the largest in the Middle East. Equipped with state-of-the-art technology, our facilities include multiple production lines, modern laboratory facilities, loading areas, and ample warehouse space.

Initially, we began as a manufacturer of polyethylene pipes for water supply. We continuously expanded our capabilities. In 2013, we took a significant step forward by diversifying our product portfolio.





We now offer irrigation tapes, gas pipes, plastic products, nylon items, and polymer compounds.

As we continue on our journey of growth and innovation, our objective is to become a comprehensive piping solution provider. Additionally, we aim to expand our presence in the international market for plastic products.

## Production Capabilities

At Parsianpipe, we operate 11 advanced production lines capable of manufacturing pipes ranging from 16 to 500 mm. Our pipes fall into the PE80 and PE100 categories, withstanding pressures ranging from 2.5 to 32 bar. With an annual production capacity exceeding 20,000 tons, we effectively serve customers in the agriculture, water supply, and gas supply sectors.

# Quality and Accreditations

Our commitment to delivering products of the highest quality is embedded in our processes. We uphold the highest standards of quality with a range of certifications and approvals, including ISO 9001, ISO 14001, ISO 45001, ISO 10002, ISO 10004, ISO 29001, HSE-MS certificate, ISIRI-ISO/IES 17025.2017, INSO 2-14427, INSO 7607, IGS-M-PL-1-014, INSO 6775, and Food Contact certificate.

We also are accredited by domestic and international certification bodies across many of our product lines. Notably, we are an approved vendor for key products by the National Gas Company of Iran and the Jihad Agriculture Water and Deputy.

Furthermore, we have received a grade A from the Association of PE Pipe & Fitting Producers.

To ensure customer satisfaction and confidence in our products, we provide a 10-year guarantee and maintain a strong focus on customer service.



# Product Categories



## Water supply pipes:

Designed for household use, irrigation, agriculture, and water and sewage transfer.



## Gas pipes:

Specifically engineered for gas transmission.



## Irrigation tapes:

used for efficient drip and rain irrigation in agricultural lands.



## Plastic flexible packaging and Nylex products:

Including a range of nylon and nylex items, wide agricultural nylons, freezer bags, and disposable tablecloths.



## Polymer compounds

# Collaboration and Expansion

We take pride in serving and collaborating with numerous industries and esteemed brands both within Iran and internationally. With over twenty years of experience and successful penetration into the domestic and neighboring markets, Parsianpipe is now focused on expanding exports to regional countries and international markets through a comprehensive and systematic development plan. Our aim is to offer a portfolio of high-quality products and establish sustainable exports to various global destinations our advanced manufacturing processes which is supported by an exclusive distribution network ensure short lead times to fulfill customer requests.

## Vision

To become a prominent leader in polyethylene industry, providing comprehensive solutions, driving innovation

## Mission

Our mission is to strategically expand our business internationally, leveraging cutting-edge technology to fulfill diverse customer needs and making strong relationship with them.

## Principles

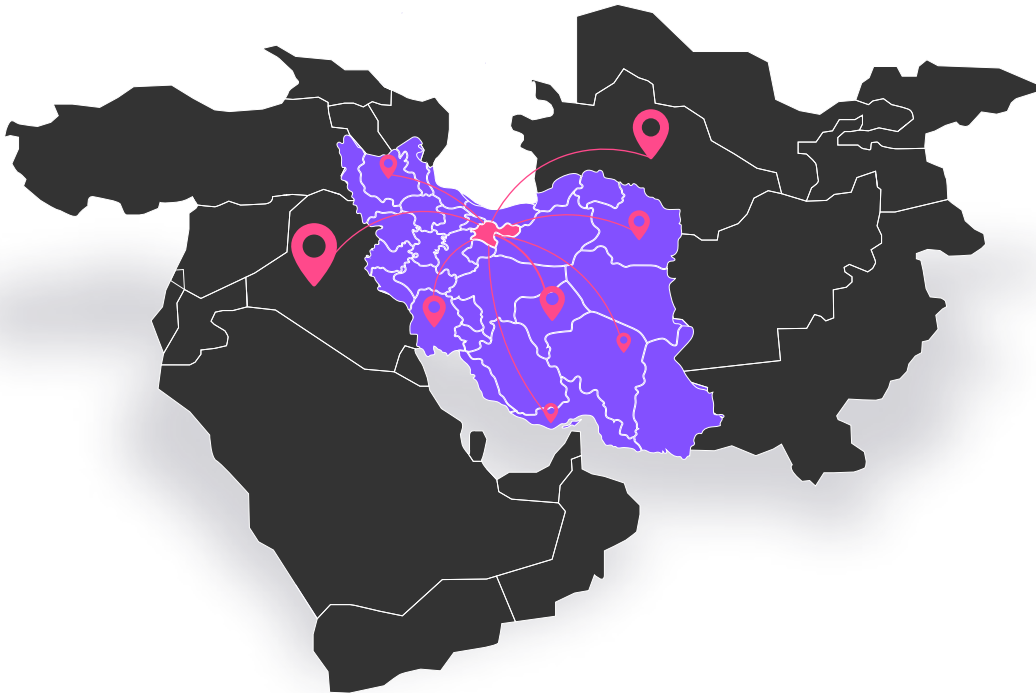
- 1 Quality Excellence:** Uphold the highest standards of quality
- 2 Reliability and Consistency:** Deliver reliable solutions consistently, meeting customer expectations
- 3 Ethical Responsibility:** Conduct business with integrity, social and environmental responsibility

# Our experience

Parsianpipe partners with clients across Iran and neighboring countries, delivering high-quality products that adapt to diverse climates

We take pride in serving and collaborating with prominent official organizations, industries, and well-known brands throughout Iran. Our clients include major contractors and organizations responsible for significant national and regional piping projects, encompassing gas transmission and water transmission. Here are some of our esteemed clients:

Water and Wastewater companies of all provinces of Iran, Municipality of multiple cities like Tehran, Kahrizak city, New Parand Town, Agriculture Jihad of Multiple Provinces, Asaluyeh Economic Zone, Mehrabad Airport, Imam Khomeini International Airport, Tehran Metro Company, Iran Khodro Company, multiple Industrial Zones Companies in Iran, Milad Hospital, Grand Mosalla mosque of Tehran, Milad Tower of Tehran, Velayat Park Complex, Persi Iran Gas Company, Petrochemical companies.



# Certificate

Parsianpipe is committed to upholding the highest standards of quality across its operations. Our dedication to quality control is reflected in our extensive range of certifications and approvals, including:

## ISO 9001-2015

Demonstrates adherence to a robust quality management system.

## ISO 14001-2015

Reflects commitment to environmental management and sustainable practices.

## ISO 45001-2018

Highlights focus on maintaining a safe and healthy work environment.

## ISO 10002

Certifies effective processes for handling customer complaints and feedback.

## ISO 10004

Validates dedication to monitoring and measuring customer satisfaction.

## ISO 29001

Ensures compliance with quality management standards in the petroleum and natural gas industries.

## HSE-MS Based on O.G.P Model

Adheres to the Health, Safety, and Environment Management System based on the International Association of Oil & Gas Producers (O.G.P) Model.

## ISIRI-ISO/IES 17025.2017

Acknowledges competence in testing and calibration laboratories.

## INSO 2-14427

Certifications for compliance with specific national standards for HDPE Pater Pipes

## INSO 7607

Certifications for compliance with specific national standards for LDPE Water Pipe

## IGS-M-PL-1-014

Certifications for compliance with specific national standards for Gas Pipe

## INSO 6775

Recognizes expertise and quality in the field of drip irrigation tape





# Quality Control

We maintain a robust system for inspecting and testing raw materials, as well as monitoring the process and final product to ensure compliance with specifications and standards.

Our laboratory is equipped with precise devices and facilities, overseen by certified experts from the Standard Department of Iran. We conduct thorough supervision and inspections through the following tests, ensuring the highest quality standards for our valued customers.

## Final Product Tests:

- › Hydrostatic test
- › BURST test
- › Melt Flow Index (MFI)
- › Determination of soot percentage
- › Thermal return
- › Water effect and soot dispersion
- › Appearance specifications / dimensions / density
- › Oxidation Induction Time (OIT)
- › Tensile testing

## Raw Material Tests:

- › Melt Flow Index (MFI)
- › Determination of soot percentage
- › Determination of masterbatch soot percentage
- › Density measurement
- › Oxidation Induction Time (OIT)

At Parsianpipe we are committed to delivering the best services with the highest quality standards to our esteemed customers.



# Products

The company has the following major product lines

## Polyethylene pipe:

Polyethylene pipes are the preferred choice for urban facilities and water transmission lines due to their exceptional resistance to corrosion and lightweight, flexible composition. They offer easy installation, high pressure and impact resistance, and durability. These pipes have smooth walls to prevent clogs, a long lifespan, and are cost-effective compared to other materials. Excellent chemical resistance

- › Weldable joints for enhanced reliability
- › Exceptional resistance to ground vibrations and earthquakes
- › Chemically inert, ensuring water purity

## Applications of polyethylene pipe

Polyethylene pipes are widely used in the following sectors:

Urban and rural water supply networks

Gas supply networks

Drainage networks

Mobile irrigation systems

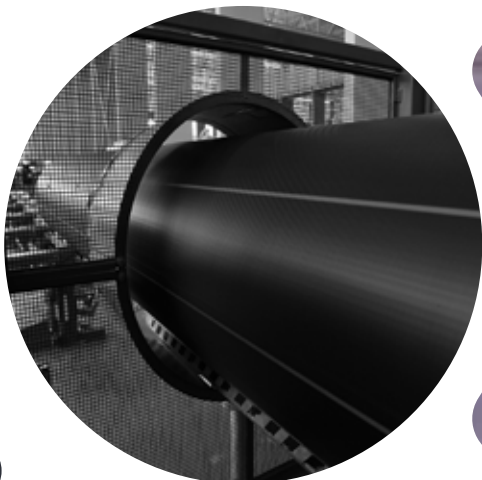
Industrial and chemical liquid and wastewater systems

Electric cable protection

Telecommunication cable and optical fiber protection

Pressurized irrigation networks (drip and rain)

Urban and rural sewage networks



## Dimensional Specifications of Gas Pipe

size	Thickness				Diameter		Maximum Dual-Wall Diameter	Strip Width	Pipe Length
	SDR 11(PN16)		SDR 13.6(PN12.5)		Dem (min)	Dem (max)			spool
	e(min)	e(max)	e(min)	e(max)					
25(PN20)	3	3.4	-	-	25	25.3	1.2	3-5	100
32	3	3.4	-	-	32	32.3	1.3	3-5	100
63	5.8	6.5	4.7	5.3	63	63.4	1.5	3-5	100
90	8.2	9.2	6.7	7.5	90	90.6	1.8	5-10	50
110	-	-	8.1	9.1	110	110.7	2.2	5-10	50
125	-	-	9.2	10.3	125	125.8	2.5	5-10	-
160	-	-	11.8	13.1	160	161	3.2	5-10	-
200	-	-	14.7	16.3	200	201.2	4	5-12	-
225	-	-	16.6	18.4	225	226.4	4.5	5-12	-

## Polyethylene pipe feature for water

Parsianpipe offers a wide range of polyethylene water pipes with various features, including different sizes, pressure ratings, and specialized coatings, ensuring tailored solutions for diverse water distribution needs.



# Polyethylene pipe

PIPE SERIES	20			16			12.5			10			8		
SDR	41			33			26			21			17		
Pe 80	PN 3.2			PN 4			PN 5			PN 6			PN 8		
Pe 100	PN 4			PN 5			PN 6			PN 8			PN 10		
d mm	e min	e max	Mass in kgm	e min	e max	Mass in kgm	e min	e max	Mass in kgm	e min	e max	Mass in kgm	e min	e max	Mass in kgm
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	-	-	-	-	-	-	-	-	-	-	-	-	<sup>1)</sup> 2.0	2.3	0.192
40	-	-	-	-	-	-	1.8	2.1	0.227	<sup>1)</sup> 2.0	2.3	0.243	2.4	2.8	0.295
50	-	-	-	<sup>1)</sup> 1.8	2.1	0.287	2.0	2.3	0.314	2.4	2.8	0.374	3.0	3.4	0.453
63	<sup>1)</sup> 1.8	2.1	0.364	2.0	2.3	0.399	2.5	2.9	0.494	3.0	3.4	0.58	3.8	4.3	0.721
75	2.0	2.3	0.468	2.3	2.7	0.551	2.9	3.3	0.675	3.6	4.1	0.828	4.5	5.1	1.02
90	2.2	2.6	0.643	2.8	3.2	0.791	3.5	4.0	0.978	4.3	4.9	1.18	5.4	6.1	1.46
110	2.7	3.1	0.943	3.4	3.9	1.17	4.2	4.8	1.43	5.3	6	1.77	6.6	7.4	2.17
125	3.1	3.6	1.23	3.9	4.4	1.51	4.8	5.4	1.84	6.0	6.7	2.27	7.4	8.3	2.76
140	3.5	4.0	1.54	4.3	4.9	1.88	5.4	6.1	2.32	6.7	7.5	2.83	8.3	9.3	3.46
160	4.0	4.5	2.0	4.9	5.5	2.42	6.2	7.0	3.04	7.7	8.6	3.72	9.5	10.6	4.52
180	4.4	5.0	2.49	5.5	6.2	3.07	6.9	7.7	3.79	8.6	9.6	4.67	10.7	11.9	5.71
200	4.9	5.5	3.05	6.2	7.0	3.84	7.7	8.6	4.69	9.6	10.7	5.78	11.9	13.2	7.05
225	5.5	6.2	3.86	6.9	7.7	4.77	8.6	9.6	5.89	10.8	12.0	7.3	13.4	14.9	8.93
250	6.2	7.0	4.83	7.7	8.6	5.92	9.6	10.7	7.30	11.9	13.2	8.93	14.8	16.4	11.0
280	6.9	7.7	5.98	8.6	9.6	7.40	10.7	11.9	9.10	13.4	14.9	11.3	16.6	18.4	13.7
315	7.7	8.6	7.52	9.7	10.8	9.37	12.1	13.5	11.6	15.0	16.6	14.2	18.7	20.7	17.4
355	8.7	9.7	9.55	10.9	12.1	11.8	13.6	15.1	14.6	16.9	18.7	18.0	21.1	23.4	22.1
400	9.8	10.9	12.1	12.3	13.7	15.1	15.3	17.0	18.6	19.1	21.2	22.9	23.7	26.2	28.0
450	11.0	12.2	15.3	13.8	15.3	19.0	17.2	19.1	23.5	21.5	23.8	28.9	26.7	29.5	35.4
500	12.3	13.7	19.0	15.3	17.0	23.4	19.1	21.2	28.9	23.9	26.4	35.7	29.7	32.8	43.8

# feature for water

	6.3			5			4			3.2			2.5		
	13.6			11			9			7.4			6		
	PN 10			PN 12.5			PN 16			PN 20			PN 25		
	PN 12.5			PN 16			PN 20			PN 25					
	e min	e max	Mass in kgm	e min	e max	Mass in kgm	e min	e max	Mass in kgm	e min	e max	Mass in kgm	e min	e max	Mass in kgm
	-	-	-	-	-	-	<sup>1)</sup> 2.0	2.3	0.089	<sup>1)</sup> 2.3	2.7	0.101	<sup>1)</sup> 3.0	3.4	0.123
	-	-	-	2.0	2.3	0.115	2.3	2.7	0.133	<sup>1)</sup> 3.0	3.4	0.161	3.4	3.9	0.180
	<sup>1)</sup> 2.0	2.3	0.147	2.3	2.7	0.171	3.0	3.4	0.209	3.5	4.0	0.240	4.2	4.8	0.278
	2.4	2.8	0.232	3.0	3.4	0.275	3.6	4.1	0.327	4.4	5.0	0.386	5.4	6.1	0.454
	3.0	3.5	0.356	3.7	4.2	0.430	4.5	5.1	0.509	5.5	6.2	0.600	6.7	7.5	0.701
	3.7	4.2	0.549	4.6	5.2	0.666	5.6	6.3	0.788	6.9	7.7	0.936	8.3	9.3	1.09
	4.7	5.3	0.873	5.8	6.5	1.05	7.1	8.0	1.26	8.6	9.6	1.47	10.5	11.7	1.73
	5.6	6.3	1.24	6.8	7.6	1.47	8.4	9.4	1.76	10.3	11.5	2.09	12.5	13.9	2.44
	6.7	7.5	1.77	8.2	9.2	2.12	10.1	11.3	2.54	12.3	13.7	3.00	15	16.7	3.51
	8.1	9.1	2.62	10.0	11.1	3.14	12.3	13.7	3.78	15.1	16.8	4.49	18.3	20.3	5.24
	9.2	10.3	3.37	11.4	12.7	4.08	14.0	15.6	4.87	17.1	19.0	5.77	20.8	23.0	6.75
	10.3	11.5	4.22	12.7	14.1	5.08	15.7	17.4	6.11	19.2	21.3	7.25	23.3	25.8	8.47
	11.8	13.1	5.5	14.6	16.2	6.67	17.9	19.8	7.96	21.9	24.2	9.44	26.6	29.4	11.0
	13.3	14.8	6.98	16.4	18.2	8.42	20.1	22.3	10.1	24.6	27.2	11.9	29.9	33.0	14.0
	14.7	16.3	8.56	18.2	20.2	10.4	22.4	24.8	12.4	27.4	30.3	14.8	33.2	36.7	17.2
	16.6	18.4	10.9	20.5	22.7	13.1	25.2	27.9	15.8	30.8	34	18.6	37.4	41.3	21.8
	18.4	20.4	13.4	22.7	25.1	16.2	27.9	30.8	19.4	34.2	37.8	23.0	41.5	45.8	27.0
	20.6	22.8	16.8	25.4	28.1	20.3	31.3	34.6	24.3	38.3	42.3	28.9	46.5	51.3	33.8
	23.2	25.7	21.2	28.6	31.6	25.6	35.2	38.9	30.8	43.1	47.6	36.5	52.3	57.7	42.7
	26.1	28.9	26.9	32.2	35.6	32.5	39.7	43.8	39.1	48.5	53.5	46.3	59	65	54.3
	29.4	32.5	34.1	36.3	40.1	41.3	44.7	49.3	49.6	54.7	60.3	58.8	66.5	73.3	68.9
	33.1	36.6	43.2	40.9	45.1	52.3	50.3	55.5	62.7	61.5	67.8	74.4	-	-	-
	36.8	40.6	53.3	45.4	50.1	64.5	55.8	61.5	77.3	68.3	75.3	91.8	-	-	-

# Irrigation drip tape

Drip tapes are a cost-effective and widely used solution for drip irrigation, particularly in vegetable farming. When selecting drip tape, it is crucial to consider the quality of the filtration area where water is released.

Our drip irrigation tape is designed to deliver efficient and precise watering for various applications, including small gardens, row crops, and larger agricultural fields. It offers numerous advantages that optimize water usage and increase crop yield.

## Key Features and Advantages:

- › Easy and quick installation
- › Standardized connections for compatibility
- › Versatile application methods (manual or mechanical)
- › MiVneral deposit resistance for uninterrupted flow
- › Increased crop yield and weed prevention
- › UV and chemical resistance for durability
- › Water conservation for efficient usage
- › Flexible installation options



## Types of Tape Irrigation:

### 1 Seamed or Labyrinth Drip Irrigation Tape

Features a zigzag-shaped seam on the side, allowing water to drain through the tape's side holes.

### 2 Plate Drip Irrigation Tape

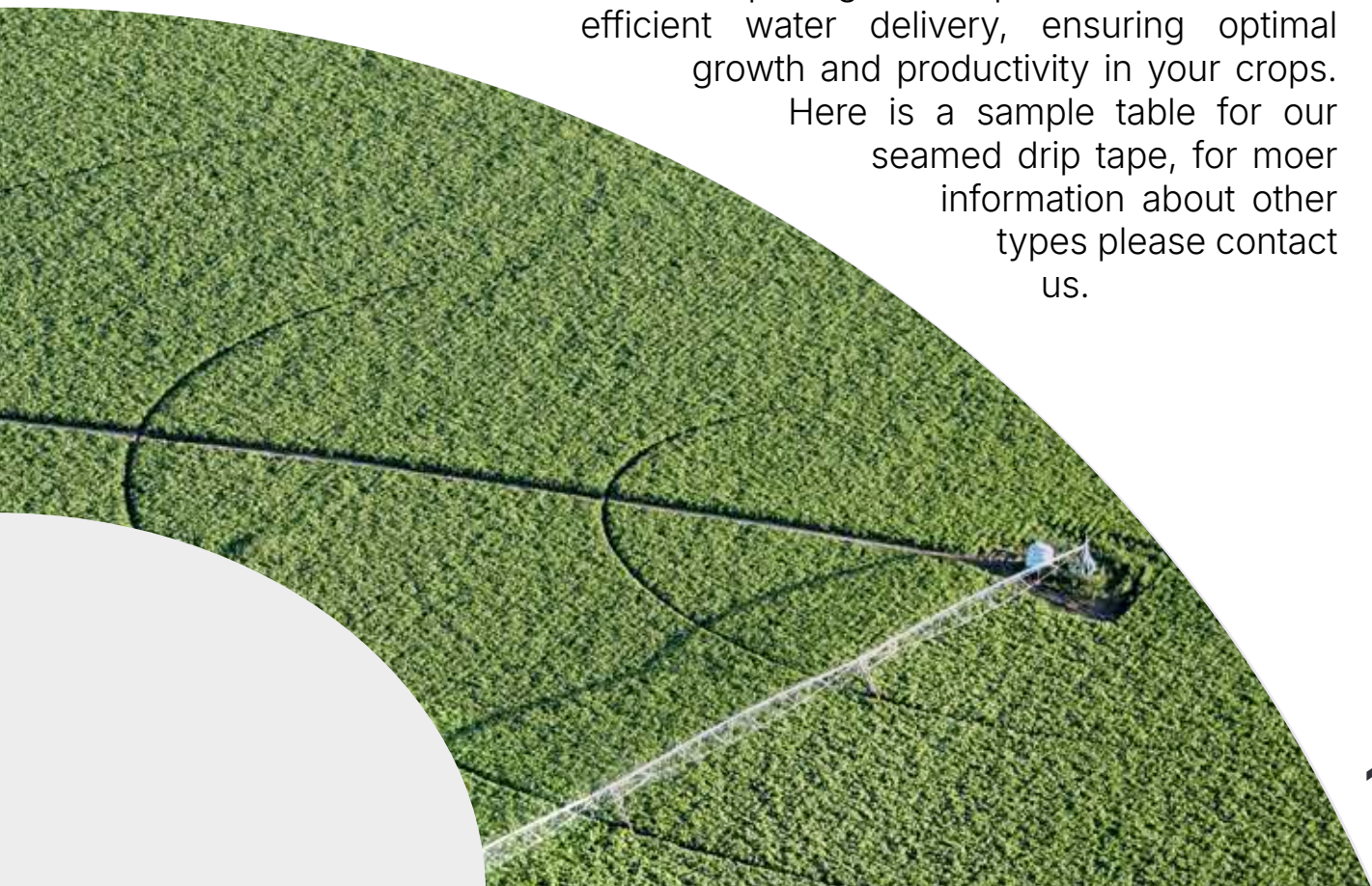
Utilizes a flat dropper plate for high uniformity water distribution. ISO 10002

16 mm seamed drip tapes ( 1 bar )

Dripper spacing (cm)	Thickness (Micron)	Flow rate (lit/h)	Roll Length (m)
10	175	2	1000
20	175	2.5	1000
30	175	3	1000

Choose our drip irrigation tape for reliable and efficient water delivery, ensuring optimal growth and productivity in your crops.

Here is a sample table for our seamed drip tape, for more information about other types please contact us.



**Plastic flexible packaging products include agricultural nylons, freezer bags and disposable tablecloths.**



### Cellophane

versatile transparent and moisture-resistant packaging material like metalized cellophane, OPP cellophane, and CPP cellophane.



### Shrink Film

Secure and tight wrapping films, including nylon, PVC, and bottle shrink film.



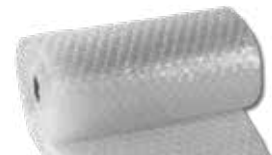
### Stretch Films

Load-stable films for transportation and storage, such as power wrap stretch film, silage film, and handwrap film.



### Pouch Packaging

Durable bags for waste disposal in various settings.



### Bubble Wrap Nylon

Cushioning and protective bubble wrap nylon in various variations, including single-layer, metalized, and multi-layer

We offer a wide range of high-quality products to meet your packaging needs. Our product categories encompass a diverse selection of materials and applications. Here are the main subcategories within our product range





### Garbage Bags

Secure and tight wrapping films, including nylon, PVC, and bottle shrink film.



### Freezing Bags

Low-temperature-resistant bags for storing and protecting food in freezers.



### Single-Use Table Cloths

Disposable table cloths for events, parties, and occasions requiring convenience and cleanliness.



### Barricade Tape

Highly visible and durable tape for marking off restricted areas or providing warnings in construction sites, events



### Vacuum Packaging

Shelf-life-extending clothing vacuum bags, thermal vacuum bag film, and food vacuum bags.



### Nylon and Nylex

Exceptionally strong and durable products such as greenhouse nylon, vacuum nylon, mulch nylon, and plastic carrier bags

Our products meet the highest standards of quality, ensuring excellent and reliable packaging solutions for your needs. Each of our products is meticulously crafted to meet the highest standards of quality, ensuring that your packaging needs are met with excellence and reliability.

# produce and provide polymer compounds

As part of our commitment to continuous innovation and expansion, we are proud to introduce our range of polymer compounds. Our expanding compound department offers a diverse range of high-quality polymer compounds, carefully formulated to meet the evolving needs of different industries. These compounds can be classified into various categories, including thermoplastics, thermosets, elastomers, and specialty polymers. Each category encompasses different types of polymers, additives, and fillers, resulting in a wide array of formulations with distinct properties and applications.

## Types of Polymer Compounds:

**Thermoplastics:**  
PE, PP, PVC

**Specialty Polymers:**  
Conductive polymers,  
flame-retardant polymers

**Elastomers:**  
Rubber compounds

**Thermosets:**  
PU



## Types of Polymer Compounds:

<b>Automotive</b>	Interior and exterior components, electrical connectors
<b>Construction</b>	Pipes, fittings, insulation, roofing materials Packaging: Films, containers
<b>Electrical and Electronics</b>	Cables, connectors, insulators
<b>Medical</b>	Equipment components, packaging
<b>Consumer Goods</b>	Toys, household items

## Tailored Solutions:

Collaborating closely with our customers, we customize our polymer compounds to meet specific requirements. Whether you need exceptional mechanical strength for structural components or superior chemical resistance for corrosive environments, our team will assist you in finding the optimal solution.

Do not hesitate to contact us for further information.

# Contact information

For any consultant and information  
you can contact via these channels:



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