



Product Catalog

Polyethylene pipes, fittings and valves

October 2026

cszaal.com

About us

Caspian Sanat ZAAL supplies polyethylene pipes and fittings. Our sales office is on Imam Khomeini Street in Isfahan, and we supply orders across Iran to the size, pressure class and quantity each project requires.

Our range covers PE100 and PE80 water and irrigation pressure pipe, PE gas pipe, double-wall corrugated and solid-wall sewer pipe, drainage pipe, well casing, cable duct and double-wall cable pipe, compression, butt-fusion and electrofusion fittings, tapping saddles, backing rings, cast-iron valves and pipe welding machines. Steel pipe is supplied on request.

The full technical data for every product, including the size table, wall thickness, SDR and pressure class, is on that product's own page so you can choose correctly before ordering. For a current price, submit the size and quantity you need through the inquiry form or call us.

Before you buy, we give technical advice on choosing the size, pressure class and jointing method for your project. Purchases come with an official invoice, and orders are shipped beyond Isfahan to other cities and provinces.

1

Send your item list

Add the items you need, with size and quantity, to the inquiry list on this site, or give them to us by phone.

2

Technical advice

If you are unsure about the size, pressure class or jointing method, we advise you before you buy.

3

Current price

Polyethylene prices move daily, so we quote the current price for the items you asked for.

4

Official invoice

An official invoice is issued for your purchase.

5

Delivery to your city

Besides Isfahan, orders are shipped to other cities and provinces.

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Click on a product name to view full specifications.

Polyethylene (PE) Pipes

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Polyethylene (PE) Pipes

Comprehensive hub for high-density polyethylene pipes in PE100 and PE80 grades across 5 main application families: pressure water supply, gas distribution, sewage and drainage, well casing, and cable conduit pipes. Corrosion-proof polymer structure resistant to scaling, chemical attack and UV degradation.



PE100 Water Pressure Pipe

ISO 4427 / EN 12201-2
20 to 630 mm

Price: on request



PE80 Water Pressure Pipe

ISO 4427 / EN 12201-2
16 to 630 mm

Price: on request



PE Gas Pipe (SDR11)

ISO 4437 / EN 1555-2 + IGS standard
of the National Iranian Gas Company
20 to 250 mm

Price: on request



Double-Wall Corrugated PE Sewer Pipe

EN 13476-3 / ISO 21138
150 to 1200 mm

Price: on request



Solid-Wall PE Sewer Pipe

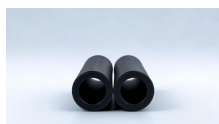
EN 12666 / ISO 4427
110 to 1200 mm

Price: on request



PE Drainage Pipe (Straight Lengths)

Price: on request



PE Well Casing Pipe

110 to 500 mm

Price: on request



PE Cable Duct Pipe

40 to 200 mm

Price: on request

PE Fittings

Comprehensive polyethylene fittings category; direct complement to Caspian Sanat ZAAL's polyethylene pipe range for jointing, directional changes, branch connections, diameter reductions, and line capping. Covers mechanical compression, butt-fusion, electrofusion, tapping saddles, and double-wall corrugated fittings.



Compression Coupling

ISO 17885
20 to 125 mm

Price: on request



Compression Reducing Coupling

ISO 17885
25 to 125 mm

Price: on request



Compression Elbow 90°

ISO 17885
20 to 125 mm

Price: on request



Compression Tee (Equal & Reducing)

ISO 17885
20 to 125 mm

Price: on request



Compression End Cap

ISO 17885
20 to 125 mm

Price: on request



Butt-Fusion Elbow 90°/45°

EN 12201-3
63 to 630 mm

Price: on request



Butt-Fusion Tee

EN 12201-3
110 to 315 mm

Price: on request



Butt-Fusion Reducer

EN 12201-3
110 to 315 mm

Price: on request

PE Fittings



Butt-Fusion End Cap

EN 12201-3
90 to 400 mm

Price: on request



PE Stub End (Flange Adaptor)

EN 12201-3
63 to 630 mm

Price: on request



Electrofusion Coupler

EN 12201-3 / EN 1555-3
20 to 250 mm

Price: on request



Electrofusion Tapping Tee

EN 1555-3
25 to 250 mm

Price: on request



PE-Steel Transition Fitting

EN 1555-3
20 to 63 mm

Price: on request



Clamp Saddle

ISO 17885
32 to 315 mm

Price: on request



Corrugated Pipe Coupler

EN 13476
160 to 500 mm

Price: on request



Corrugated Pipe Sealing Ring

160 to 500 mm

Price: on request

Flanges, Backing Rings, Gaskets & Bolts

Flanged connection components, backing rings, gaskets, and interface pipeline hardware at Caspian Sanat ZAAL; featuring steel and ductile iron backing rings compliant with EN 1092-1 and EN 1092-2 for bolting polyethylene pipe stub ends to cast-iron valves and flow control equipment.



Steel Backing Ring (Galvanized/Epoxy)

EN 1092-1 (drilling)
63 to 630 mm

Price: on request



Ductile Iron Backing Ring

EN 1092-2
63 to 630 mm

Price: on request



Spiral Wound Gasket

ASME B16.20
1/2 to 24 inch

Price: on request

Valves

Specialized valve and fluid control hub at Caspian Sanat ZAAL; offering cast iron metal-seated gate valves compliant with EN 1171 and flanged Y-strainers to protect meters, pumps, and hydraulic assets across water supply and industrial piping networks.



Metal-Seated Gate Valve

EN 1171
DN32 to DN400

Price: on request



Wafer & Lug Butterfly Valve

EN 593
DN50 to DN600

Price: on request



Double-Flanged Butterfly Valve

EN 593
DN150 to DN1200

Price: on request



Swing & Dual-Plate Check Valve

EN 12334
DN50 to DN600

Price: on request



Cast Iron Y-Strainer

DN32 to DN400

Price: on request



PE Compression Ball Valve

20 to 110 mm

Price: on request

Drip Irrigation

Drip irrigation supplies: slit and flat-emitter drip tape with 10 to 30 cm spacing, 16 and 20 mm lateral pipe and 4 and 6 mm micro tubing, with technical advice and phone ordering.



Slit (Continuous-Flow) Drip Tape

ISO 9261
16 mm

Price: on request



Flat-Emitter Drip Tape

ISO 9261
16 mm

Price: on request



LDPE Blank Lateral Tubing

16 to 20 mm

Price: on request



Micro Tubing

4 to 6 mm

Price: on request

Pipe Welding Machines

Specialized equipment and pipe welding machinery at Caspian Sanat ZAAL; comprising hydraulic and manual butt-fusion machines conforming to ISO 12176-1 and electrofusion control units per ISO 12176-2 for homogeneous, verifiable pipeline jointing in water, gas, and industrial projects.



Hydraulic Butt-Fusion Machine

ISO 12176-1

Price: on request



Manual Butt-Fusion Machine

ISO 12176-1

Price: on request



Electrofusion Control Unit

ISO 12176-2

Price: on request

Contact & request a quote

+98 912 624 0980

Imam Khomeini Street, Isfahan, Iran

Saturday to Thursday, 9:00–18:00 (Iran time)

Requests can be submitted through the site at any hour

<https://cszaal.com/en/inquiry>