

SinoPipe

HDPE Piping Solutions

Product Catalog & Technical Reference

HDPE Pipes · PE Fittings · Fusion Equipment

DN 20 – DN 1200 mm · SDR 6 – 41 · PN 4 – 25

PE100 · PE80 · ISO 4427 / 4437 · EN 12201 · ASTM F714 · GB/T 13663

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About SinoPipe

Shandong SinoPipe Industry Co., Ltd. is a Chinese manufacturer of high-density polyethylene (HDPE) pipes, PE fittings and fusion equipment. Our products are used in municipal water supply, drainage, gas distribution, mining, agriculture and marine engineering in more than 40 countries. Every production lot is traceable to raw-material certificates, and third-party inspection (SGS / TUV) is welcome.

Factory Certifications

Certificate	Scope
ISO 9001	Quality management system — design, production and sales of plastic pipes
ISO 14001	Environmental management system
ISO 45001	Occupational health and safety management system
CE (EN 12201)	Pressure pipes for water supply — European conformity
SGS / TUV audited	Ongoing third-party factory and product inspection

Product Range (by category)

HDPE Pipes (9 items)

Product	Key Specifications
HDPE Water Supply Pipe	Material: PE100 / PE80 raw material · Size Range: OD 20mm – 1200mm · Pressure Rating: PN 0.6 – PN 1.6 MPa · Standard: ISO 4427 / GB/T 13663
HDPE Drainage Pipe	Material: PE100 / PE80 raw material · Size Range: OD 20mm – 1200mm · Pressure Rating: SN4 / SN8 ring stiffness · Standard: ISO 4427 / GB/T 13663
HDPE Gas Pipe	Material: PE100 / PE80 raw material · Size Range: OD 20mm – 630mm · Pressure Rating: PN 0.6 – PN 1.0 MPa · Standard: ISO 4437 / GB 15558.1
HDPE Double Wall Corrugated Pipe	Material: HDPE (high-density polyethylene) · Size Range: DN 110mm – 1200mm · Ring Stiffness: SN2 / SN4 / SN8 · Standard: GB/T 19472 / EN 13476
HDPE Electrical Conduit	Material: HDPE / MDPE · Size Range: OD 20mm – 250mm · Standard: GB/T 15558 / IEC 614 · Color: Orange, red or customized
HDPE Mining Pipe	Material: PE100 (wear-resistant grade) · Size Range: OD 20mm – 1200mm · Pressure Rating: PN 1.0 – PN 2.5 MPa · Standard: ASTM D3035 / ISO 4427
HDPE GSHP Pipe	Material: PE100 / PE-RT · Size Range: DN 20mm – 63mm (coil / straight) · Pressure Rating: PN 1.6 MPa · Standard: ISO 22391 / GB/T 28799
HDPE Dredging Pipe	Material: PE100 · Size Range: OD 200mm – 1200mm · Length: Up to 12m per pipe · Standard: ASTM D3035 / ISO 4427
Dredging Rubber Hose	Material: Natural rubber + fabric/steel reinforcement · ID Range: ID 150mm – 1200mm · Working Pressure: Up to 2.5 MPa (customizable) · Color: Black

Butt Fusion Fittings (8 items)

Product	Key Specifications
Butt Fusion 45° Elbow	Material: PE100 · Size Range: OD 63mm – 1200mm · Angle: 45° · Pressure Rating: PN 1.0 – PN 1.6 MPa
Butt Fusion 90° Elbow	Material: PE100 · Size Range: OD 63mm – 1200mm · Angle: 90° · Pressure Rating: PN 1.0 – PN 1.6 MPa
Butt Fusion Coupler	Material: PE100 · Size Range: OD 63mm – 1200mm · Type: Equal coupler · Pressure Rating: PN 1.0 – PN 1.6 MPa

Product	Key Specifications
Butt Fusion End Cap	Material: PE100 · Size Range: OD 63mm – 1200mm · Type: End cap · Pressure Rating: PN 1.0 – PN 1.6 MPa
Butt Fusion Flange	Material: PE100 stub + steel backing ring · Size Range: OD 63mm – 1200mm · Flange Standard: ANSI / DIN / JIS · Pressure Rating: PN 1.0 – PN 1.6 MPa
Butt Fusion Reducer Coupler	Material: PE100 · Size Range: OD 63mm – 1200mm · Type: Reducing coupler · Pressure Rating: PN 1.0 – PN 1.6 MPa
Butt Fusion Reducing Tee	Material: PE100 · Size Range: OD 63mm – 1200mm · Type: Reducing tee · Pressure Rating: PN 1.0 – PN 1.6 MPa
Butt Fusion Tee	Material: PE100 · Size Range: OD 63mm – 1200mm · Type: Equal tee · Pressure Rating: PN 1.0 – PN 1.6 MPa

Electrofusion Fittings (5 items)

Product	Key Specifications
Electrofusion 45° Elbow	Material: PE100 with copper coil · Size Range: OD 20mm – 630mm · Angle: 45° · Pressure Rating: PN 1.6 MPa
Electrofusion 90° Elbow	Material: PE100 with copper coil · Size Range: OD 20mm – 630mm · Angle: 90° · Pressure Rating: PN 1.6 MPa
Electrofusion Coupler	Material: PE100 with copper coil · Size Range: OD 20mm – 630mm · Type: Equal coupler · Pressure Rating: PN 1.6 MPa
Electrofusion Equal Tee	Material: PE100 with copper coil · Size Range: OD 20mm – 630mm · Type: Equal tee · Pressure Rating: PN 1.6 MPa
Electrofusion Flange	Material: PE100 with copper coil · Size Range: OD 63mm – 630mm · Flange Standard: ANSI / DIN / JIS · Pressure Rating: PN 1.6 MPa

Socket / Injection Fittings (13 items)

Product	Key Specifications
Socket Fusion 45° Elbow	Material: PE100 · Size Range: OD 20mm – 110mm · Angle: 45° · Pressure Rating: PN 1.6 MPa
Socket Fusion 90° Elbow	Material: PE100 · Size Range: OD 20mm – 110mm · Angle: 90° · Pressure Rating: PN 1.6 MPa
Socket Fusion Coupler	Material: PE100 · Size Range: OD 20mm – 110mm · Type: Equal coupler · Pressure Rating: PN 1.6 MPa
Socket Fusion End Cap	Material: PE100 · Size Range: OD 20mm – 110mm · Type: End cap · Pressure Rating: PN 1.6 MPa
Socket Fusion Equal Tee	Material: PE100 · Size Range: OD 20mm – 110mm · Type: Equal tee · Pressure Rating: PN 1.6 MPa
Socket Fusion Flange	Material: PE100 · Size Range: OD 20mm – 110mm · Flange Standard: ANSI / DIN · Pressure Rating: PN 1.6 MPa
Socket Fusion Reducing Coupler	Material: PE100 · Size Range: OD 20mm – 110mm · Type: Reducing coupler · Pressure Rating: PN 1.6 MPa

Product	Key Specifications
Socket Fusion Reducing Tee	Material: PE100 · Size Range: OD 20mm – 110mm · Type: Reducing tee · Pressure Rating: PN 1.6 MPa
Socket Fusion Ball Valve	Material: PE100 body / brass ball · Size Range: OD 20mm – 110mm · Type: Full-bore ball valve · Pressure Rating: PN 1.6 MPa
HDPE Socket Male Coupler	Material: PE100 · Size Range: OD 20mm – 110mm · Thread: Male BSP/NPT · Pressure Rating: PN 1.6 MPa
HDPE Socket Female Coupler	Material: PE100 · Size Range: OD 20mm – 110mm · Thread: Female BSP/NPT · Pressure Rating: PN 1.6 MPa
HDPE Socket Female Tee	Material: PE100 · Size Range: OD 20mm – 110mm · Thread: Female BSP/NPT branch · Pressure Rating: PN 1.6 MPa
HDPE Socket Elbow Male Coupler	Material: PE100 · Size Range: OD 20mm – 110mm · Angle: 90° with male thread · Pressure Rating: PN 1.6 MPa

Typical Applications

Municipal water supply · Sewage & drainage · Gas distribution · Agricultural irrigation (drip & sprinkler) · Mining slurry & dewatering · Marine, dredging & floating lines · Electrical & telecom conduit · Horizontal directional drilling (HDD)

Contact Us

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We reply to every inquiry within 24 hours. Samples, quotes and drawings are provided free of charge.