



HDPE Pipeline

Petrol / Diesel / Ethanol Blends / Alcohols / Resins / Conduits

Henan Eaglestar Energy Technology Co., Ltd



Company

Eaglestar, located in Zhengzhou city, Henan Province, China, is a leading manufacturer of Petroleum equipment for retail petroleum markets.

Eaglestar has been involved in the fuel dispenser industry since 2005. After over 20 years development, Eaglestar has continuously set up the sales network in Africa, Middle East and Asia markets. The high quality products and the convenient, rapid service bring a good reputation to Eaglestar. In some markets such as Nigeria, Ghana, and Tanzania. Eaglestar has been the No. 1 brand and achieved over 50% market share.

In Eaglestar, innovation is the core spirit. Innovation demonstrates in research & design, production, quality-control and sales & service etc. every segment. All the electronic systems are designed and developed by Eaglestar's highly professional team. The key electronic components are imported from The US or Japan originally to keep the good quality. The mechanical hydraulic system is designed by Eaglestar team and produced by qualified OEM suppliers. The factory passed ISO9001 system.

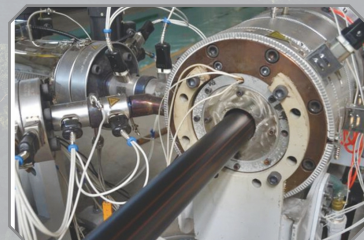
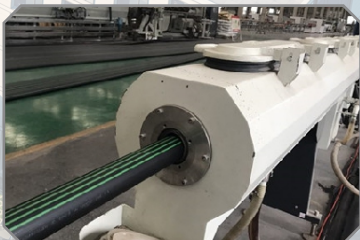
Besides the national explosion-proof and metrology pattern approvals, Eaglestar also passed OIML testing and got the approvals. Meanwhile, the company is in the process of ATEX.

Our Goals: to maximize our market in global market. to provide the high quality products and best service for our customers.

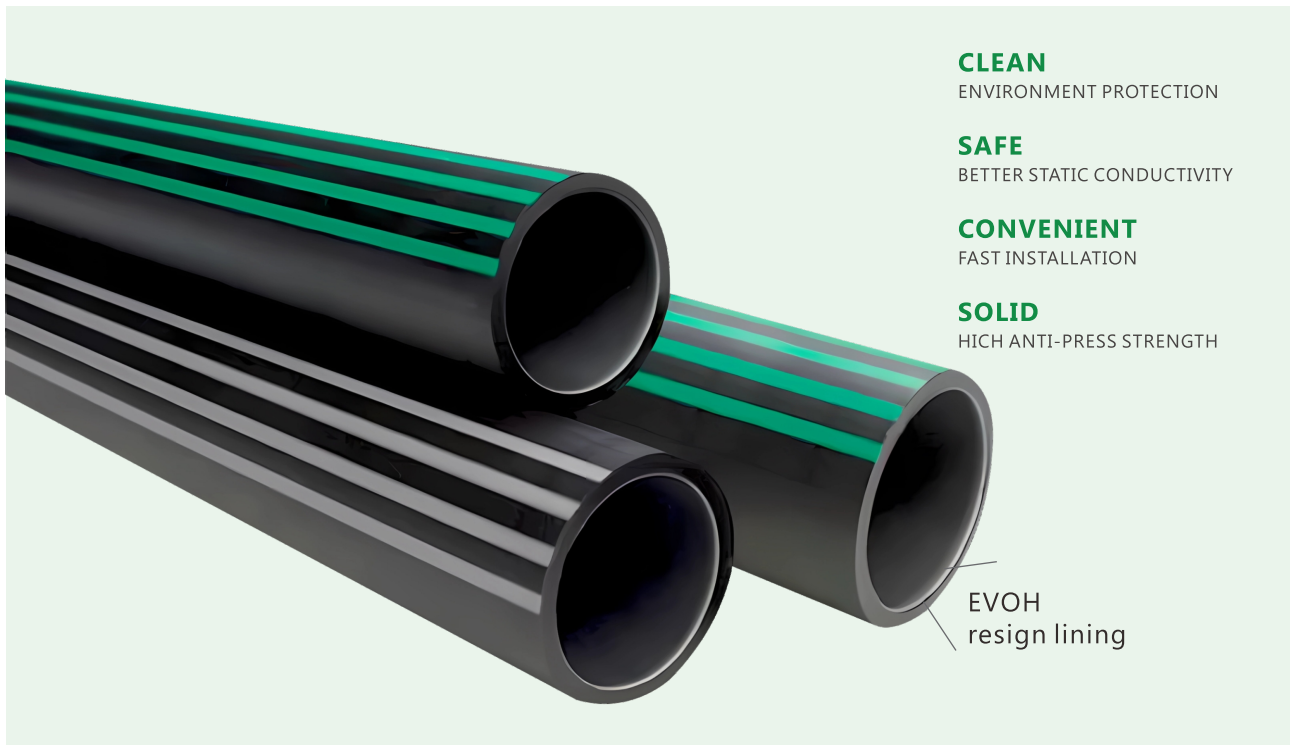
Our vision: to be a professional manufacturer of retail petroleum equipment and solutions



Fueling Station Show |



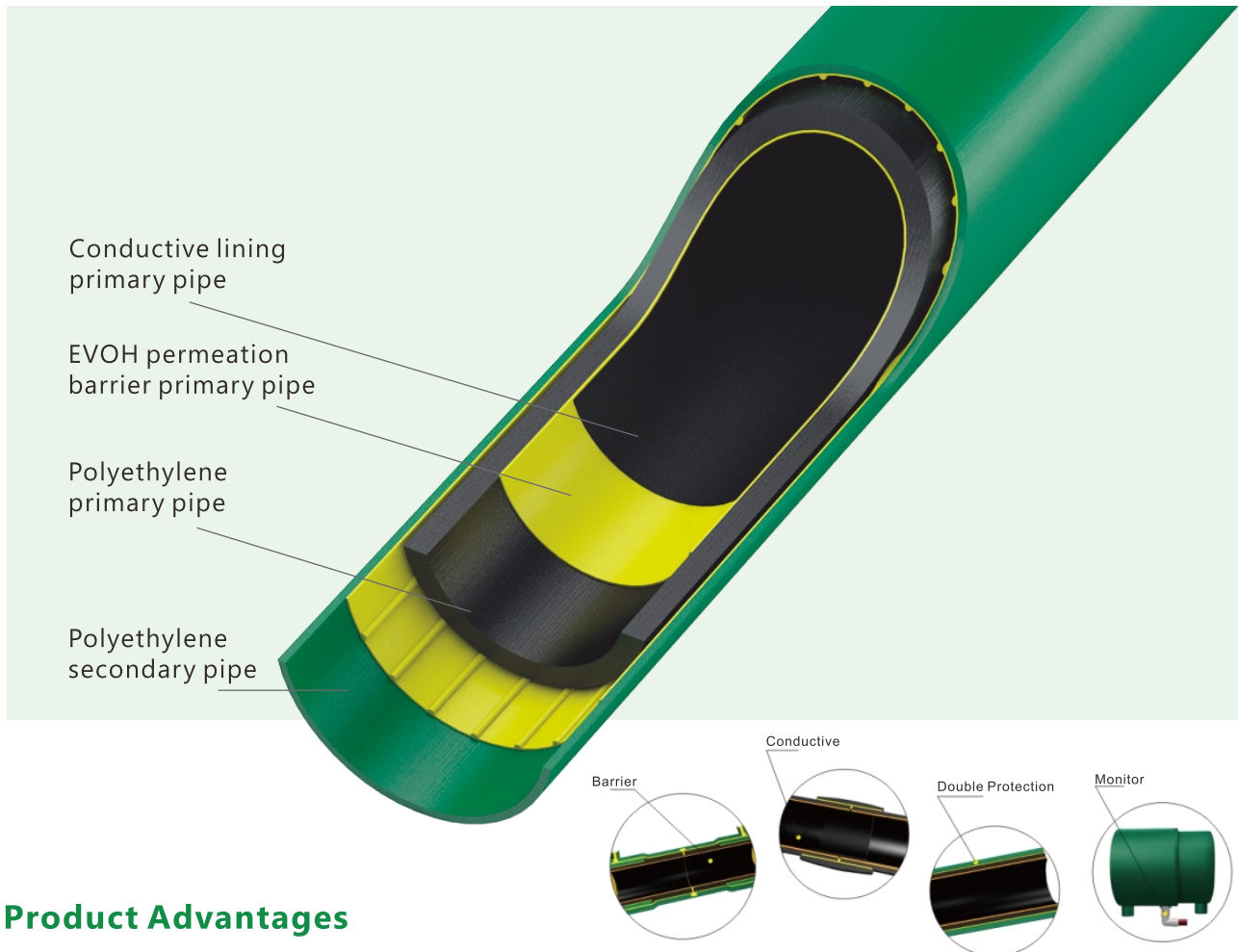
Primary Containment (Single Wall)



Features and benefits

- Engineered for easy installation: reducing cost and build time
- Compact fittings, elbows and tees
- Conductive (electrostatically safe) or non-conductive
- Suitable for petrol, diesel, Jet-A1 and ethanol blends (conductive). For other uses, get in touch
- Zero permeation: liquid/water tight
- Corrosion-free
- Lightweight
- Full technical support
- Installer training program

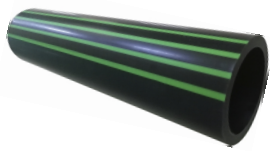
Secondary Containment (Double Wall)



Product Advantages

1. Within -40°C ~ 50°C temperature range, the burst pressure of HDPE flexible pipeline which is over 40 standard atmospheric pressure protect the pipeline to perform durably.
2. The efficient Electro fusion welding techniques connect pipe with its accessories and produce a seamless buried fuel-supply pipeline system.
3. The pipeline can eliminate all the leakage from fuel tank to fuel dispenser, thus protecting the environment. It prevents the underground water from permeating into the pipe.
4. HDPE pipeline with polytene composite material can be used for all kinds of fuel, ethanol mixture and additives. According to EN14125 standard testing and proving, the pipe can apply to hydrocarbon, ethanol fuel mixture and biofuel at 10 standard atmospheres of pressure (bar).
5. Excellent static conductivity demonstrates the HDPE flexible pipeline with high safety performance.
6. No need concrete furrow. It can significantly reduce the construction cost for fuel station.
7. Easy installation with rich choice for accessories provides the flexibility of pipeline direction.

Primary Containment (Single Wall)

PICTURES	DESCRIPTION	Model	SIZE(MM)
	PE Pipeline Single wall	SWP-01-32	32mm
		SWP-01-50	50mm
		SWP-01-54	54mm
		SWP-01-63	63mm
		SWP-01-90	90mm
		SWP-01-110	110mm

PICTURES	DESCRIPTION	Model	SIZE(MM)
	Wedding Socket Single wall	SWS-01-32	32mm
		SWS-01-50	50mm
		SWS-01-54	54mm
		SWS-01-63	63mm
		SWS-01-90	90mm
		SWS-01-110	110mm

PICTURES	DESCRIPTION	Model	SIZE(MM)
	Bends/Elbows 90° Single wall	SWE-01-32	32mm
		SWE-01-50	50mm
		SWE-01-54	54mm
		SWE-01-63	63mm
		SWE-01-90	90mm
		SWE-01-110	110mm

PICTURES	DESCRIPTION	Model	SIZE(MM)
	Tee Single wall	SWT-01-50	50mm
		SWT-01-54	54mm
		SWT-01-63	63mm
		SWT-01-90	90mm
		SWT-01-110	110mm

PICTURES	DESCRIPTION	Model	SIZE(MM)
	Termination BSPT /NPT male	SWM-01-32	32mm
		SWM-01-50	54mm
		SWM-01-54	50mm
		SWM-01-63	63mm
		SWM-01-90	90mm
		SWM-01-110	110mm

PICTURES	DESCRIPTION	Model	SIZE(MM)
	Termination BSPT /NPT Female	SWF-01-32	32mm
		SWF-01-50	50mm
		SWF-01-54	54mm
		SWF-01-63	63mm
		SWF-01-90	90mm
		SWF-01-110	110mm

PICTURES	DESCRIPTION	Model	SIZE(MM)
	Compression Termination (Brass fitting)	SWC-01-32	32mm
		SWC-01-50	50mm
		SWC-01-54	54mm
		SWC-01-63	63mm
		SWC-01-90	90mm
		SWC-01-110	110mm

PICTURES	DESCRIPTION	Model	SIZE(MM)
	Compression Flange kit	SWK-01-32	50mm
		SWK-01-50	54mm
		SWK-01-54	63mm
		SWK-01-63	75mm
		SWK-01-90	90mm
		SWK-01-110	110mm

PICTURES	DESCRIPTION	Model	SIZE(MM)
	Entry boot(seal)	EB-01-20	20mm
		EB-01-25	25mm
		EB-01-32	32mm
		EB-01-50	50mm
		EB-01-57	57mm
		EB-01-63	63mm
		EB-01-90	90mm
		EB-01-110	110mm
		EB-01-125	125mm

Secondary Containment (Double Wall)

PICTURES	DESCRIPTION	Model	SIZE(MM)
	PE Pipeline Double walls	DWP-02-40/32	40/32mm
		DWP-02-63/50	63/50mm
		DWP-02-65/54	65/54mm
		DWP-02-75/63	75/63mm
		DWP-02-110/90	110/90mm
		DWP-02-125/110	125/110mm

PICTURES	DESCRIPTION	Model	SIZE(MM)
	Integrated welding socket Double walls	DWS-02-40/32	40/32mm
		DWS-02-63/50	63/50mm
		DWS-02-65/54	65/54mm
		DWS-02-75/63	75/63mm
		DWS-02-110/90	110/90mm
		DWS-02-125/110	125/110mm

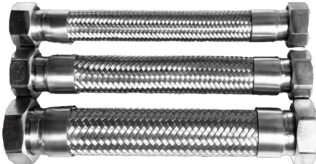
PICTURES	DESCRIPTION	Model	SIZE(MM)
	Tee Double walls	DWT-02-40/32	40/32mm
		DWT-02-63/50	63/50mm
		DWT-02-65/54	65/54mm
		DWT-02-75/63	75/63mm
		DWT-02-110/90	110/90mm
		DWT-02-125/110	125/110mm

PICTURES	DESCRIPTION	Model	SIZE(MM)
	Elbow 90 degree Double walls	DWE-02-40/32	40/32mm
		DWE-02-63/50	63/50mm
		DWE-02-65/54	65/54mm
		DWE-02-75/63	75/63mm
		DWE-02-110/90	110/90mm
		DWT-02-125/110	125/110mm

PICTURES	DESCRIPTION	Model	SIZE(MM)
	Termination fitting with test port	DWE-02-40/32	40/32mm
		DWE-02-63/50	63/50mm
		DWE-02-65/54	65/54mm
		DWE-02-75/63	75/63mm
		DWE-02-110/90	110/90mm
		DWT-02-125/110	125/110mm

PICTURES	DESCRIPTION	Model	SIZE(MM)
	Termination fitting without test port	T40/32 EG 1A	40/32mm
		T63/50 EG 1A	63/50mm
		T65/54 EG 1A	65/54mm
		T75/63 EG 1A	75/63mm
		T110/90 EG 1A	110/90mm
		T125/110 EG 1A	125/110mm

PICTURES	DESCRIPTION	Model	SIZE(MM)
	ball valve with dust cap	EG-01-3	3 inch
		EG-01-4	4 inch

PICTURES	DESCRIPTION	Model	SIZE(MM)
	304 SS flexible pipe stainless 400mm	SS400	1.5 inch
	304 SS flexible pipe stainless 600mm	SS600	2 inch

PICTURES	DESCRIPTION	Model	SIZE(MM)
	Electric Welding Machine (ELECTROFUSION EQUIPMENT)	EG-1-1	English operation instructions

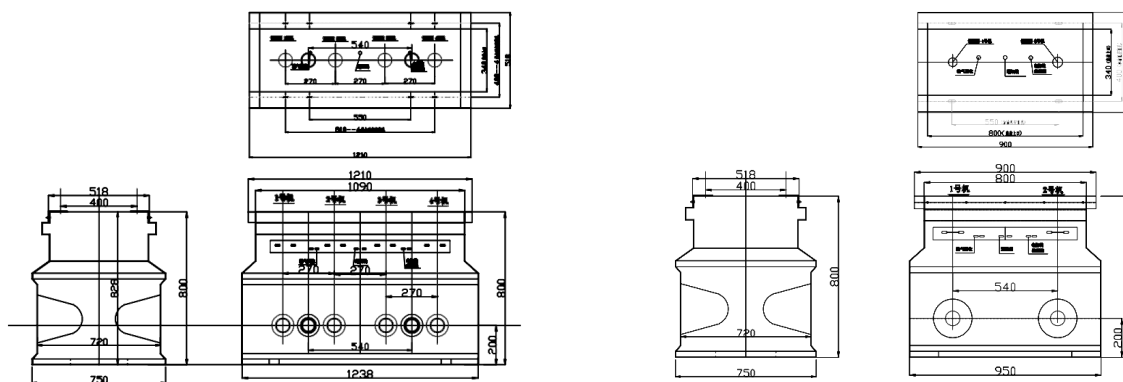
PICTURES	DESCRIPTION			
	Installation kit			

Dispenser Sump

Dispenser Sumps are installed beneath fuel dispensers to provide access to, and secondary containment of, dispenser plumbing, emergency shear valves and underground piping connections.



DESCRIPTION	Model	SIZE(MM)
PE Dispenser Sumps	DC-2	950x700*800 mm
	DC-4	1130x700*800 mm

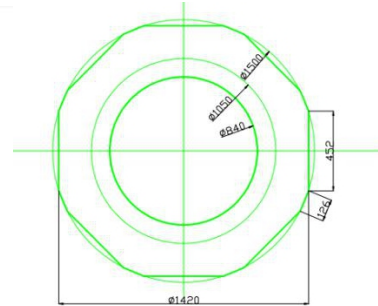
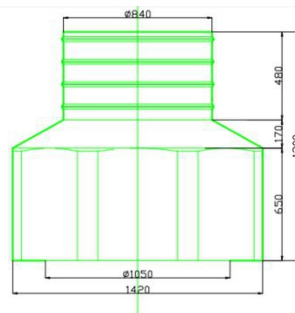


Manhole Sump

Manhole Sumps are a liquid-tight isolation container providing secondary containment for the tank fittings, valves and pumps. They also provide surface access to the tank itself, as well as a clean, dry environment for future service and maintenance.

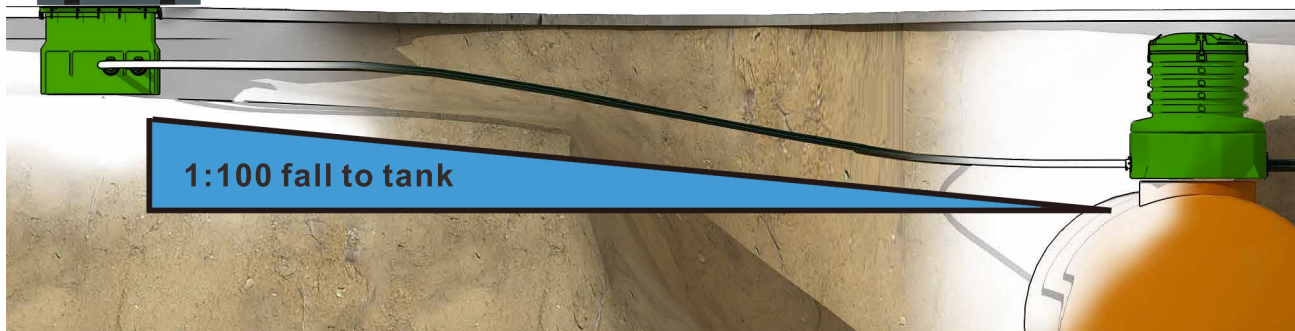


DESCRIPTION	Model	SIZE(MM)
PE Manhole Sump/champer	DF-90	φ 1420*1300mm



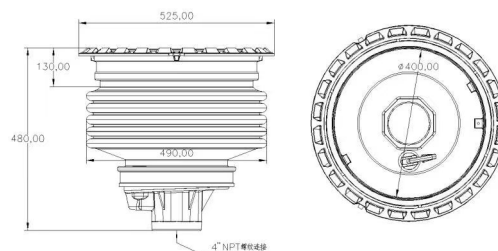
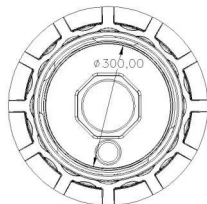
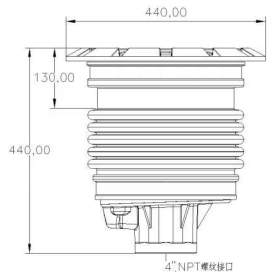
TRENCHES (WIDTH, DEPTH & FALL BACK)

- It is important to construct proper trenches before laying pipe. Trenches should be wide and deep enough to comfortably allow pipe runs, recommended spacing, and backfill materials. Recommended burial depth of pipe is a minimum of 300 mm (12").
- All trenches should be sloped back towards the storage tanks with a recommended gradient of 1:100.
- Vapour return lines must have a slope of 1:50 (1/4" per foot) and never less than 1:100 (1/8" per ft) back towards the tank farm, unless in-line joints such as elbows are to be used.
- Trench corners should contain a radius suitable for the pipe work.



Spill Containment

Spill containments are designed to collect spilled product that occurs during normal tank filling on underground storage tanks. Threaded base models are available in cast iron or composite. Slip-on (retrofit) models use a gasket flanged bolt system to secure the spill bucket to the riser pipe and are designed to eliminate the need to remove the riser pipe from the underground tank when installing.



DESCRIPTION	Model	SIZE(MM)
Spill containment	SC-01-3	3 inch
	SC-01-4	4 inch



Composite Access Covers

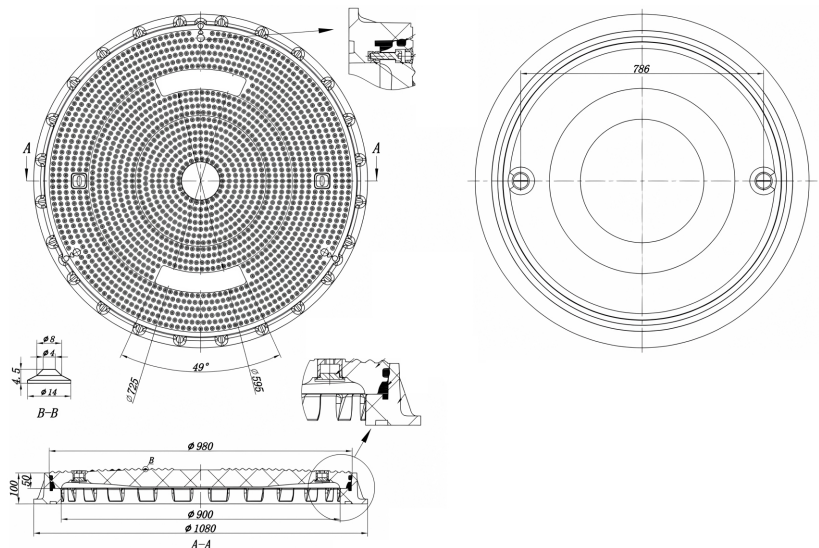
Composite access covers feature a lightweight, watertight design for safe and easy access to underground containment. Their large diameter openings provide a wide access point for larger containment spaces. For the ultimate in easy access, dip models of the composite access covers feature an integrated inspection port at the center of the cover lid. The locking mechanisms seal the cover down to prevent it from spinning out and thwart unwanted access



DESCRIPTION	Model	SIZE(MM)
D400	1. Man hole cover 2. Manhole cover seat outer diameter: 1080mm 3. Cover diameter: 980mm 4. Inner hole diameter: 900mm (Dn900) 5. Seat height: 100mm 6. Inner $\phi 980$ mm, outer $\phi 1080$ mm 7. Cover thickness 50mm 8. Inspection hole diameter: 350mm 9. Weight: 80 kg 10. Load Bearing class :D400,40T 11. Material : SMC Composite fiberglass material	DN900

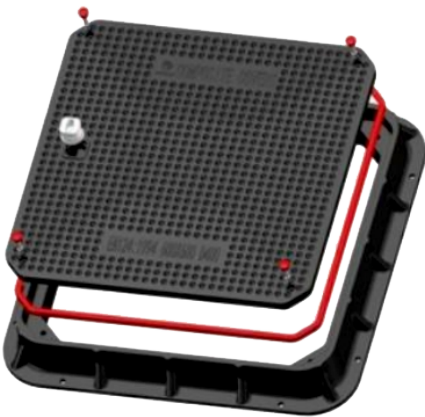
Lockable design provides increased on-site security and safety

- Anti-slip surface for increased safety.
- Integrated cover O-ring creates a watertight seal between the cover and frame.
- Dip models available with integrated inspection port.
- Locking mechanism key included.
- Access cover lifting handles make cover removal safe and easy (sold separately).
- Access cover skirts (sold separately)

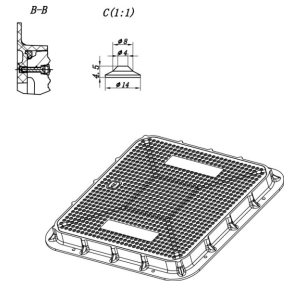
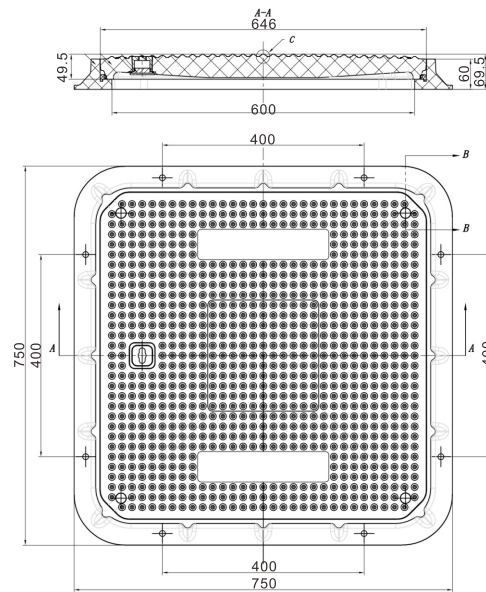


Square Access Cover

Square access covers feature a lightweight, watertight design for safe and easy access to underground containment. Their large diameter openings provide a wide access point for larger containment spaces. For the ultimate in easy access, dip models of the composite access covers feature an integrated inspection port at the center of the cover lid. The locking mechanisms seal the cover down to prevent it from spinning out and thwart unwanted access

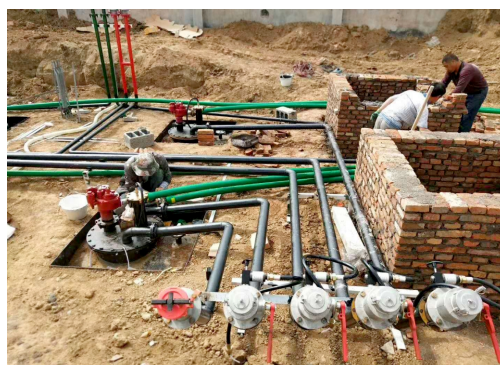
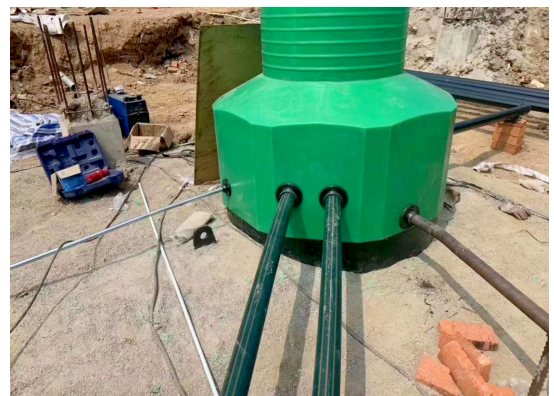


DESCRIPTION	Model	SIZE(MM)
Square Access Cover	C250	600×600mm





Production Shipment Installation





🌐 www.chinaeaglestar.com / www.egfueldispenser.com
www.eaglestarenergy.com

📱 Whatsapp&Viber: 008613598081203

✉ Email: sales@eaglestarpetro.com

📍 No 8, the 5th Diamond Rd,Zhengzhou New Materials Park,
Zhengzhou city,Henan Province,China.