

Specification of O+ HDPE Electrofusion Coupler

O+ HDPE Electrofusion Coupler is used to continue jointing of HDPE pipes. Made of PE100 material with a precisely molded energized coil of wire, it ensures uniform melting of the strongly electrofused joint and minimizes welding and cooling time.

Products name	HDPE Electrofusion Coupler
Sizes Available	DN 20-400mm
SDR	SDR11 to SDR26
PN	PN16
Colors Available	Black

Available Size

DN	DN
20mm	140mm
25mm	160mm
32mm	180mm
40mm	200mm
50mm	225mm
63mm	250mm
75mm	280mm
90mm	315mm
110mm	400mm
125mm	

Advantages of O+ electrofusion HDPE fittings

O+ can supply various electrofusion HDPE fittings from DN 20 mm to DN 400 mm. HDPE fittings

Advantages: Non-toxic, hygienic: PE pipe fittings are non-toxic and odorless. After strict health monitoring, they are green building materials and never produce scale, which can effectively improve water quality.

- Corrosion resistance: PE is an inert material that is resistant to various chemical media.
- PE pipe fittings are connected by electrofusion, and the interface strength is higher than the pipe itself.
- High toughness: The elongation at break of PE pipe fittings is generally above 500%. . For the uneven settlement of the foundation, it has strong adaptability and good seismic performance.
- Excellent resistance to rapid crack propagation (RCP).
- Excellent flexibility and scratch resistance.
- Good wear resistance, low wall friction coefficient, strong conveying capacity.
- Very convenient construction and installation.
- Low system cost and reduced maintenance costs can greatly reduce project costs.
- Long service life: The buried PE pipe fittings are used normally for more than 70 years.
- PE accessories can be reused, fully in line with the advocacy of efficient environmental protection.

Applications of HDPE Electrofusion Fittings

- ❖ Municipal water supply, gas supply and agriculture etc.
- ❖ Commercial & Residential water supply.
- ❖ Industrial liquids transportation.
- ❖ Sewage treatment.
- ❖ Food and chemical industry.
- ❖ Replacement of cement pipes and steel pipes.
- ❖ Irrigation Line.

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