

Specification of O+ HDPE Electrofusion Elbow-90 Degree

O+ HDPE Electrofusion elbow is used to join two sections of polyethylene pipe at 90° angles, welded with an electrofusion pressure welder. Electrofusion elbow fittings are available in sizes ranging from 50 mm to 160 mm. Electrofusion fittings are made of HDPE 100 material with precisely molded energized coils, which ensure uniform melting of the electrofusion joint and minimize welding and cooling time. Electrofusion joints are suitable for HDPE pipes.

Product name	HDPE Electrofusion Elbow-90 Degree
Sizes available	DN 50-160 mm
Material	PE 100
SDR rating	SDR11,SDR26,
Colors available	Black

Available Size

DN
50mm
63mm
75mm
90mm
110mm
160mm

O+ can supply various electrofusion HDPE fittings from DN 20 mm to DN 400 mm. HDPE fittings include: flange, equal-diameter tee, reducer tee, ball valve, coupling, elbow 45 degree, elbow 90 degree, etc. Can be customized according to requirements, our electrofusion HDPE fittings are made from high quality PE100 raw materials, mainly used in water supply, oil and gas pipeline systems.

O+ has the ability to provide HDPE Electrofusion fittings in a wide variety of sizes from DN 63mm to DN 400 mm in SDR11 & SDR17, including: **Coupler, Endcap, Equal tee, Reducing tee, Reducer, elbow.**

Advantages of O+ HDPE Electrofusion Fittings

O+ can supply various HDPE Electrofusion Fittings from DN 63 mm to DN 400 mm.
HDPE fittings include:

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

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