

Specification of O+ HDPE Electrofusion Reducer

O+ HDPE Electrofusion Reducer is used to join two different diameters of HDPE pipes to reduce the existing pipe diameter. The electrofusion fittings are tested for use with PE100 pipes of various SDRs with maximum working pressures in accordance with Standard norms. All fittings have been carefully designed to provide maximum joint integrity, ease of installation and operational robustness.

Product name	HDPE Electrofusion Reducer
Sizes available	DN 50-200 mm
SDR rating	SDR11, SDR26,
Colors available	Black

Available Size

DN x DN	DN x DN
50x32	140x63
50x40	140x75
63x20	140x90
63x32	140x110
63x40	160x63
63x50	160x75
75x40	160x90
75x50	160x110
75x63	160x125
90x50	160x140
90x63	200x90
90x75	200x110
110x63	200x125
110x75	200x140
110x90	200x160

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

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