

Tender text

PE100 transition piece PE to cast iron – pull resistant

General

All PE fittings offered shall be produced from material listed by the PE100+ Association and shall comply to DIN EN 12201; cast iron parts shall comply to DIN 28601 regarding dimensions, tolerances and quality requirements. Proof shall be given for manufacturing being carried out on basis of a quality assurance system according to ISO 9001. Manufacturer shall issue for all fittings a certificate according to EN 10204. The fitting body shall be produced either by injection moulding or in case of complex structure from a piece of homogeneous semi-finished product to ensure the required reinforcement and hence high stability and full pressure rated design of the fitting. Semi-finished goods made by hot winding process are not permitted.

For the distribution of forces the socket must be provided with an external stainless steel reinforcement and take up the screw-gland socket joint acc. to DIN 28601.

The sealing gasket must be manufactured from EPDM or NBR acc. to DIN EN 681.

The PE spigot must be long enough for the use of electrofusion welding.

Standards/guidelines

DIN EN 12201, DIN EN 681, DVS 2207, DVS 2210, DIN EN 10204, DIN EN ISO 9001, DIN EN ISO 50001, DVGW W 400-2, DVGW GW 335

Approvals/certificates

Test certificate 3.1 according to DIN EN ISO 10204 of the semi-finished good material listing MFR and OIT; only material listed by the PE100+ Association
Manufacturer certified according to ISO 9001:2015 und ISO 50001:2011

Manufacturer:

Reinert-Ritz GmbH or equivalent

Specification / tender text:

PE100 transition piece PE/cast iron – pull resistant with screw-gland socket joint acc. to DIN 28601, PE spigot designed acc. to DIN EN 12201, suitable for electrofusion welding, pressure-class compliant, black,
PE side d... SDR...
Cast-iron side: DN

Supplier:

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