

Tender text

PE100 transition piece PE/steel – gas application

General preliminary remark

The fittings to be offered must, on the PE side, be manufactured from material in compliance with the PE100+ Association and according to DIN EN 1555 with respect to dimensions, tolerances and quality requirements, and according to DIN ISO 3183 on the steel side. Proof must be provided that they were manufactured on the basis of a quality assurance system in accordance with DIN EN ISO 9001. For all fittings a certificate in accordance with DIN EN 10204 must be submitted by the manufacturer. The body of the fitting must be manufactured in the injection moulding process or alternatively, in the case of more complex structures, from a piece of homogeneous semi-finished material so as to ensure the required reinforcement and therefore high stability of the fitting. Semi-finished materials manufactured from wound rods or the subsequent application of other forms of reinforcing are not permitted.

The sealing element must be manufactured from NBR according to DIN EN 682.

The PE spigot must be sufficiently long for HW welding.

The welding bevel at the steel end must comply with DIN ISO 9692-1 Type 22

Optionally available versions: with steel flanges drilled according to DIN EN 1092-1 PN 10 or PN 16 or other international standards, stainless steel pipe 1.4571 or 1.4301.

Standards/guidelines

DIN EN 1555, DIN ISO 3183, DIN EN 682, DIN ISO 9692-1, DIN EN 1092-1, DVS 2207, DVS 2210, DIN EN 10204, DIN EN ISO 9001, DIN EN ISO 50001, DVGW W 400-2, DVGW GW 335, DVGW G 5600

Permits/certificates

DVGW certificate according to DVGW G 5600 for dimensions d 90 mm to d 225 mm

Acceptance test certificate 3.1 according to DIN EN ISO 10204 for the semi-finished material from the processed raw material with indication of MFR and OIT; only PE100 material in compliance with PE100+ Association

Manufacturer certified according to ISO 9001:2015 and ISO 50001:2011

Manufacturer:

Reinert-Ritz GmbH or equivalent

Performance specification:

PE100 transition piece from PE to steel, gas application, steel connection dimension according to DIN ISO 3183-1 and welding bevel according to DIN ISO 9692-1 type 22, PE spigot designed according to DIN EN 1555-1 for HW welding, pressure class-compatible, black, extraction-proof, according to DVGW G 5600

PE side: d ... SDR ...

Steel side: DN ... d ... mm x ... mm



Proof of delivery:

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