

Number	62364/01	Replaces	--
Issued	30 March 2011	Scope	KE 200
Report number	125219	Page	1-3
Contract number	Q11/002		

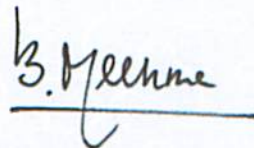
Product Certificate

PE 100 Electrofusion Fittings & Tapping Tees

Based on pre-certification tests as well as periodic inspections by Kiwa Nederland B.V., the products referred to in this certificate and marked with the GASTEC QA mark, supplied by

Radius Systems Ltd.

may, on delivery, be relied upon to comply with the GASTEC QA Approval Requirements 200, for "Fusion fittings and saddles made from Polyethylene (PE)", dated November 2004.



Bouke Meekma
Director Kiwa Nederland B.V.

This certificate is issued in accordance with the Regulations for Bearing the GASTEC QA quality label

This certificate consists of 3 pages.
Publication of the certificate is allowed.

Company

Radius House, Berristow Lane South Normanton, Alfreton,
Derbyshire, DE55 2JJ United Kingdom

Hilcote Plant, PO Box 1, Blackwell, Nr. Alfreton,
Derbyshire, DE55 2JJ United Kingdom

www.radius-systems.com
E-mail onenquiries@radius-systems.com
T +44 (0)1773 811112



Page	2	Number	62364/01	Replaces	—
		Issued	30 March 2011	Scope	KE 200
		Report number	125219	Page	2-3
		Contract number	Q11/002		

PE 100 Electrofusion Fittings & Tapping Tees

PRODUCT SPECIFICATION

PE 100 Electrofusion Fittings, black coloured for PE 100 and PE 80 pipes:

PE 100 Electrofusion Couplers Straight:

SDR 11 in diameters 20, 25, 32, 40, 50, 63, 75, 90, 110, 125, 140, 160, 180, 200, 225, 250, 280, 315, 355 and 400 mm

SDR 17,6 (SDR 17) in diameters 90, 110, 125, 140, 160, 180, 200, 225, 250, 280, 315, 355 and 400 mm

PE 100 Electrofusion Reducers:

SDR 11 in diameters 25x20, 32x20, 32x25, 40x32, 50x32, 63x32, 63x40, 63x50, 90x63, 90x75, 110x63, 110x90, 125x63, 125x90, 160x110, 180x125, 200x160, 225x160, 250x180 and 315x250 mm

SDR 17,6 (SDR 17) in diameters 110x90, 125x63, 125x90, 160x110, 180x125, 200x160, 225x160, 250x180 and 315x250 mm

PE 100 Electrofusion Spigot Caps:

SDR 11 in diameters 20, 25, 32, 90, 125, 160 and 180 mm

SDR 17 in diameter 250 mm

PE 100 Electrofusion Equal Tee:

SDR 11 in diameters 20, 25, 32, 40, 50, 63, 75, 90, 110, 125, 160 and 180 mm

SDR 17,6 (SDR 17) in diameters 90, 110, 125, 160 and 180 mm

PE 100 Electrofusion Elbow 45°:

SDR 11 in diameters 63, 75, 90, 110, 125, 160 and 180 mm

SDR 17,6 (SDR 17) in diameters 90, 110, 125, 160 and 180 mm

PE 100 Electrofusion Elbow 90°:

SDR 11 in diameters 20, 25, 32, 40, 50, 63, 75, 90, 110, 125, 160 and 180 mm

SDR 17,6 (SDR 17) in diameters 90, 110, 125, 160 and 180 mm

PE 100 Electrofusion Under-clamp Tapping Tee:

SDR 11 in diameters 40x20, 50x20, 63x20, 75x20, 90x20, 110x20, 160x20, 180x20, 40x25, 50x25, 63x25, 75x25, 90x25, 110x25, 160x25, 180x25, 40x32, 50x32, 63x32, 75x32, 90x32, 110x32, 160x32 and 180x32 mm

SDR 17,6 (SDR 17) in diameters 90x20, 110x20, 160x20, 180x20, 90x25, 110x25, 160x25, 180x25, 90x32, 110x32, 160x32 and 180x32 mm

APPLICATION AND USE

Fusion fittings and saddles made of polyethylene (PE) to be used in piping systems for the supply of gaseous fuels in accordance with Table 1 of EN 437, family 2 and 3.

MARKING

- Manufacturer's name and/or trademark
- Nominal outside diameter(s) of pipe, *dn*
- Material code and designation
- Design application series (ie design SDR)

Page	3	Number	62364/01	Replaces	--
		Issued	30 March 2011	Scope	KE 200
		Report number	125219	Page	3-3
		Contract number	Q11/002		

PE 100 Electrofusion Fittings & Tapping Tees

- **Manufacturer's information** > For providing traceability, the following details shall be given:
 - the production period, year and month, in figures or in code;
 - a name or code for the production site if the manufacturer is producing the same product at different sites.
- **Intended use** > Gas
- The GASTEC QA approval mark or logo.

Place of the mark:

- On the fitting.

Compulsory specifications:

- **Number of the System Standard**, EN 1555-3
(This information may be printed on a label associated with the fitting or on an individual bag)
- **Applicable SDR fusion range of pipe**
(This information may be printed on a label associated with the fitting or on an individual bag.)
- **The documentation shall include at least the following items:**
 - clear processing instructions in Dutch;
 - **fusion compatibility**: a list of compatible PE materials shall be stated;
 - **additional information relative to the fusion conditions** (e.g. fusion and cooling time) appear on a label, which may be attached to a fitting or may be separate from the fitting.

Method of marking:

- Non-erasable;

RECOMMENDATIONS FOR CUSTOMERS:

1. **Check at the time of delivery whether:**
 - 1.1 the producer has delivery in accordance with the agreement;
 - 1.2 the mark and the marking method are correct;
 - 1.3 the products show no visible defects as a result of transport etc.
 2. **If you should reject a product on the basis of the above, please contact:**
 - 2.1 Radius Systems Ltd.
and, if necessary,
 - 2.2 Kiwa Nederland B.V.
 3. **Consult the producer's processing guidelines for the proper storage and transport methods.**
 4. **Check whether this certificate is still valid by consulting the publication list for Gastec Certificates (Kluwer Handboek).**
-