

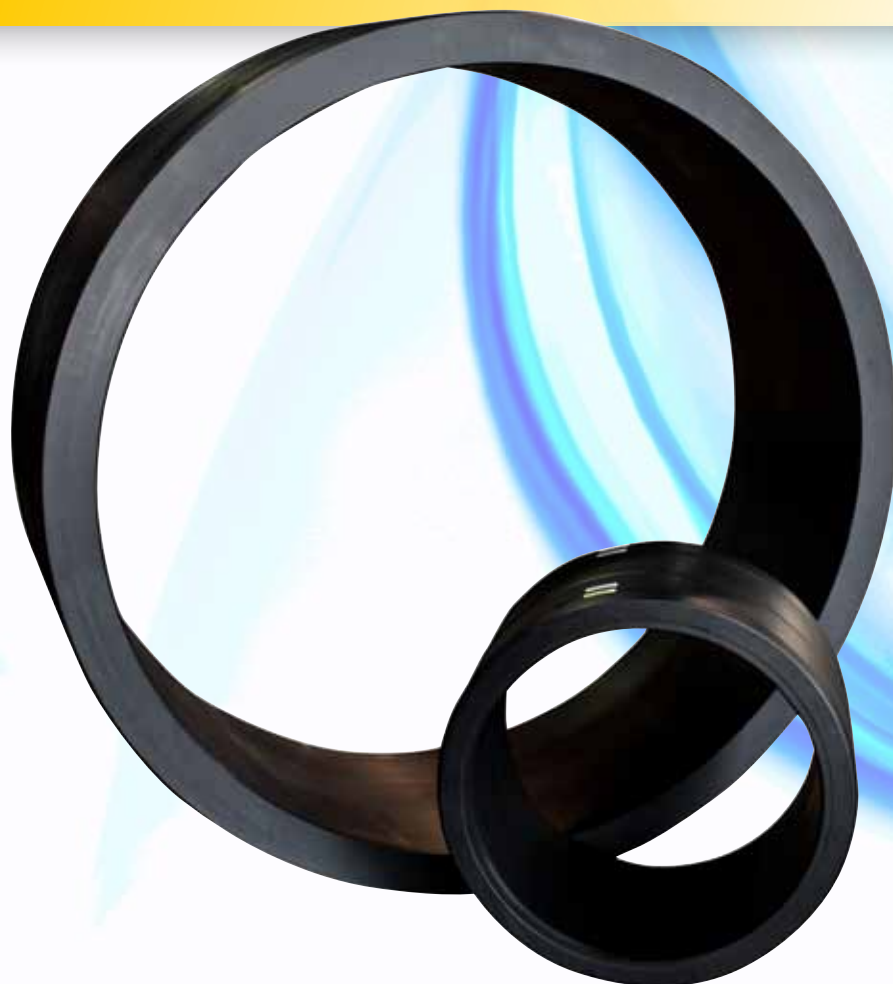


# LARGE DIAMETER EF-COUPLER

ELECTROFUSION WELDING



**agru**  
Competence  
in Plastics





## Worldwide Competence in Plastics

AGRU Kunststofftechnik GmbH has a long-standing experience in the development and manufacturing of high-quality machined EF-couplers.

The EF-fittings of AGRU are used for creating permanently leak-tight connections between PE-pipes and fittings. The application areas of the EF-couplers are the installation of above- and underground piping systems. Easy to use welding machines and the possibility to weld in limited spaces or inaccessible locations are the advantages of the electrofusion welding.

Due to the focus on the development and continual improvement of AGRULINE product group, the supply range was extended to additional dimensions.

## LARGE DIAMETER EF-COUPLER

Large EF-coupler  
bifilar



### All large EF-Coupler dimensions with bifilar design

Because of the positive customer response further technical optimisations were carried out and the product range of the large dimension e-couplers was expanded. Because of the new innovative manufacturing method from AGRU, machined e-couplers in dimensions 560 mm up to 1400 mm are now available.

- All dimensions with bifilar welding system
- Heating wire is fully embedded by special and unique production method.
- EF couplers are made out of PE 100 RC providing improved welding performance and long term joint quality
- Suitable for fusion of PE 80, PE 100 and PE 100-RC pipes

SDR	Dimension
17	560 mm - 1400 mm
11	560 mm - 900 mm

## Your advantages of the bifilar design

The large bifilar EF-couplers from AGRU gives the installer undeniable benefits.

- **Premium material saves time and money**

PE 100-RC is a high-performance material type with a high stress cracking resistance. Pipe systems made of PE 100-RC can be installed without a sand bed which is very cost-effective.

- **Smooth inner surface for simple cleaning and insertion**

Due to the completely embedded heating wire a smooth inner surface can be assured. The smooth inner surface makes the cleaning of the e-coupler and the insertion of the pipe easier.

- **Bifilar welding system for mobile and space-saving installation**

Both sides of the EF-coupler can be welded separately. After the first welding is complete the pipe with the welded EF-coupler can be connected to the existing pipeline.

# NEW GENERATION

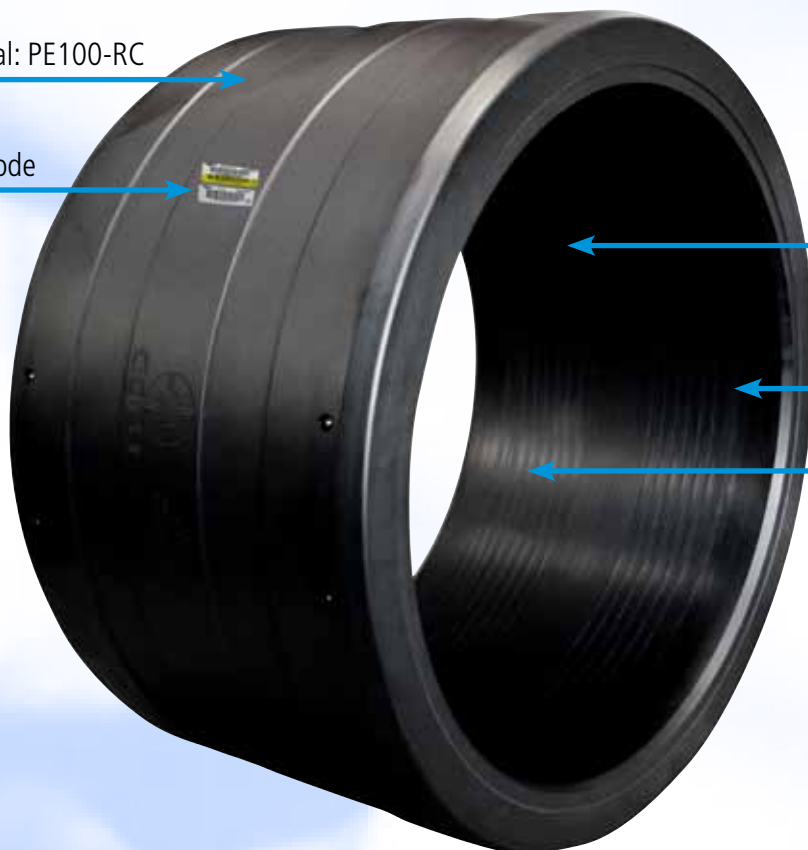


Material: PE100-RC

Separate pre-heating code

Fully embedded heating wire

Bifilar welding system





## Electrofusion fittings

... made of PE 100 for safe and reliable joining of PE piping systems.

- Easy joining procedure
- Entirely embedded resistance wire
- Excellent long-term behaviour
- Large product range for flexible solutions

**E-couplers made of PE 100-RC are the optimum solution for demanding applications, such as no sand embedding!**



## AGRULINE

PIPING SYSTEMS FOR NATURAL GAS, WATER & SEWAGE

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