



Casella, 17 October 2023

Subj: New PE 100-RC bends for butt welding



Dear Business Partner,

We are pleased to announce you the availability of **the new FIP branded 90° short spigot bends**.

The current feasible range of the new FIP branded 90° bends is from d20 up to d110, SDR 11 and SDR 17,6.

The **key features** of these **re-engineered** bends are:

1 Easier installation:

- Longer spigot grants a better and easier clamping with current butt-welding machine, and gives the possibility of carrying out an Infra-Red welding too
- Constant thickness along all the fitting length and marks at 30°, 45°, 60° to meet custom installation needs
- 8 orientation lines on the spigots to support performing a correct welding

2 Same face-to-face:

- No changes on face-to-face dimension from d32 up to d110 compared to previous bends to avoid skid design updates nor packaging variation; d20 and d25 have a slight variation in face-to-face dimensions (7 mm and 5 mm respectively)

3 High-quality:

- Wide range of certifications and approvals, the new fittings made of PE 100-RC have been also verified and registered for potable water suitability according to DVGW guideline KTW-BWGL



- Best quality resin to ensure optimal performance, in terms of chemical resistance and mechanical behavior. The entire range is made of PE 100-RC. In details, PE-RC combines in a single product increased characteristics of resistance to slow propagation of cracks due to point loads or surface incisions
- Smooth internal surface to minimize impurities sedimentation

These new bends will be available starting from **the first week of November**.

The new codes and dimensions are the following:

PE 100-RC

FIP Code	SDR	d	l	r	Z
GKE17050	17	50	23	36	62
GKE17063	17	63	21	65	77
GKE17075	17	75	21	75	85
GKE17090	17	90	22	90	100
GKE17110	17	110	25	110	120
GKE11020	11	20	20	18	34
GKE11025	11	25	20	18	37
GKE11032	11	32	21	20	40
GKE11040	11	40	22	35	51
GKE11050	11	50	23	36	62
GKE11063	11	63	21	65	77
GKE11075	11	75	21	75	85
GKE11090	11	90	22	90	100
GKE11110	11	110	25	110	120

To discover all the features of the new fittings, you can click on the following links:

- **Technical video:** with clear rendered animations, that summarizes all the technical features and characteristics.
[NEW FIP PE PRESSURE 90° BENDS](#)
- **New PE Industrial system catalogue:** this new catalogue contains the new complete and updated range in terms of items and dimensions.
[DOWNLOAD PDF CATALOGUE](#)

For any further information you may need, please contact me at glecchi@alixis.com.

Best regards,

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