

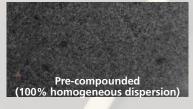




RAW MATERIAL

Only pre-compounded (including well dispersed high-grade additives) and virgin resins are used for AGRU XXL pipes which are in conformance to both, PE 100 (-RC) and PE 4710 requirements.





EMERGING PRODUCTION TECHNOLOGY – DEVELOPED BY AGRU

Due to ongoing innovation in production technology, AGRU expands its leading position for large diameter piping systems and is now producing the world's largest extruded PE 100 (-RC) pressure pipe.

UNCOMPROMISING EXCELLENT QUALITY

AGRU implements stringent quality control, that exceeds international standards. Additionally, each product produced is fully documented and traceable along the entire supply chain – from raw material to the final product.



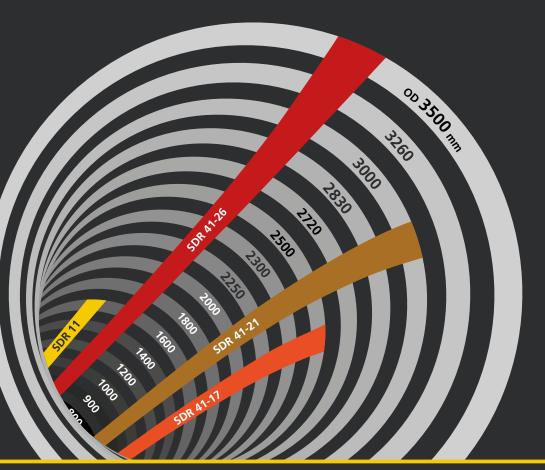




We provide system solutions

AGRU provides the full dimension range according to current standards. Pipes are produced project specific with seamless lengths up to 600 m.

Pipe supply range







Fitting supply range

AGRU provides a complete system. Fittings are available up to OD 3500 mm acc. to the respective pipe SDR.

FLANGE COMPONENTS

AGRU provides the complete range for durable flange connections including:

- **EPDM** gaskets with steel inserts
- Backing rings / blind flanges in various steel qualities
- Bolt sets in various steel qualities (screws, nuts, washers)















Bend 11°, 22°, 30°, 45°, 60°, 90°	Tee	Reduced Tee	Stub Flange	Reduction	End Cap	Toploadsaddle
OD [mm]	OD [mm]	OD [mm]	OD [mm]	OD [mm]	OD [mm]	OD / branch Ø [mm]
800	800	800 / ≤700	800	800/630/800/710	800	800 / ≤ 500
900	900	900 / ≤800	900	900/710/900/800	900	900 / ≤500
1000	1000	1000 /≤900	1000	1000/900	1000	1000 / ≤ 500
1200	1200	1200 / ≤ 1000	1200	1200/1000	1200	1200 / ≤500
1400	1400	1400 /≤1200	1400	1400/1200		1400 / ≤ 500
1600	1600	1600 / ≤ 1400	1600	1600/1400		1600 / ≤900
1800	1800	1800 / ≤ 1600	1800	1800/1600		1800 / ≤900
2000	2000	2000 / ≤ 1800	2000	2000/1800		2000 / ≤ 1400
2250	2250	2250 / ≤ 2000	2250	2250/2000		2250 / ≤ 1400
2500		2500 / ≤ 2250	2500	2500/2250		2500 / ≤ 1400
2720			2720			2720 / ≤ 1400
2830			2830			2830 / ≤ 1400
3000			3000			3000 / ≤ 1400
3260			3260			3260 / ≤ 1400
3500			3500			3500 / ≤ 1400

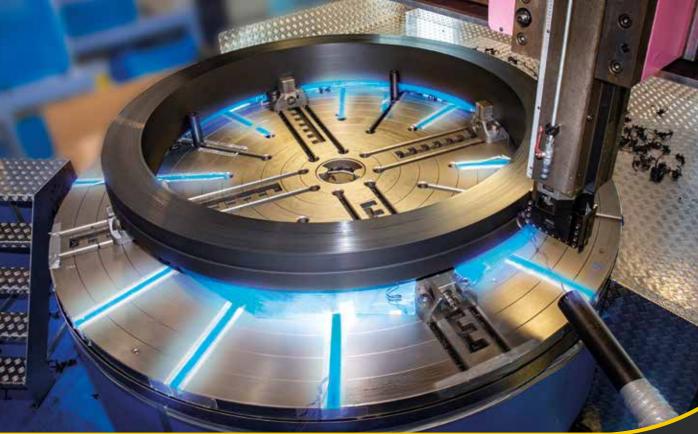
Realizing ideas from scratch to the final product:

DESIGN, ENGINEERING, IN-HOUSE FABRICATION

Vast capabilities allow AGRU to provide tailor-made and timely solutions, all from a single source – this qualifies AGRU as the most valuable partner for EPC contractors!













Proven and reliable jointing methods

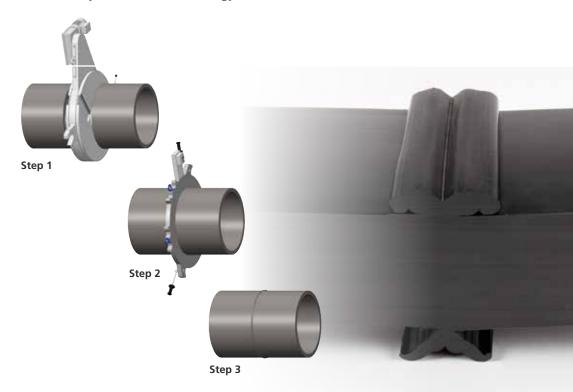
HEATED PLATE BUTT WELDING

Homogeneous welding connections across the entire wall thickness provides a monolithic system that maintains its full pressure rating without any weak points.

Long-term and proven welding method that is available for all dimensions!

CLEAN, FAST, SAFE

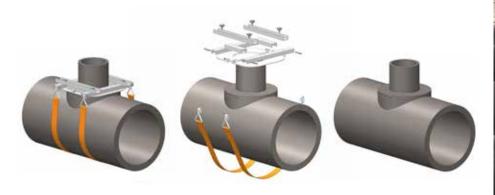
AGRU offers highly automated welding procedures with full documentation and traceability. This welding method requires less labor and keeps you one step ahead of any other fusion technology.



PIPE BRANCHES

The spigot saddle system topload utilizes a specialized clamping system that offers an efficient and flexible solution to create branches that are electro-fusion welded to existing or new pipelines in on- or offshore locations.

DESIGN-FLEXIBLE, SAFE







FLANGE CONNECTIONS

AGRU supplies mechanical connections that enable detachable transitions to buildings and/or other pipe materials.

PROJECT OPTIMIZED; DETACHABLE, SAFE















Offshore float and sink installation, made easy by the AGRU PE 100(-RC) Piping Systems







AGRU - a global brand



The Plastics Experts

