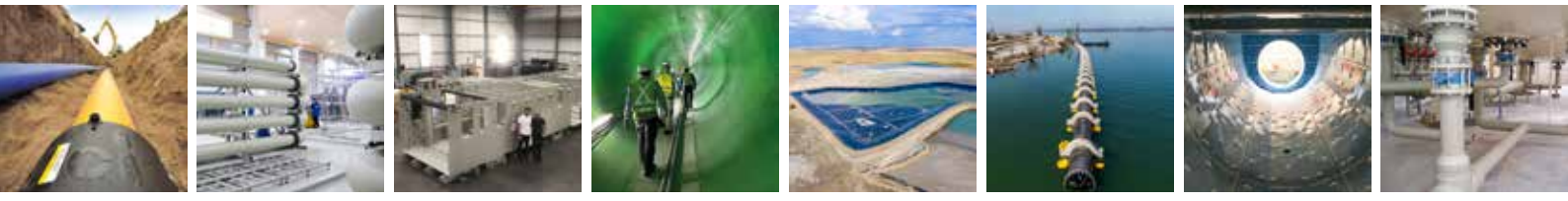
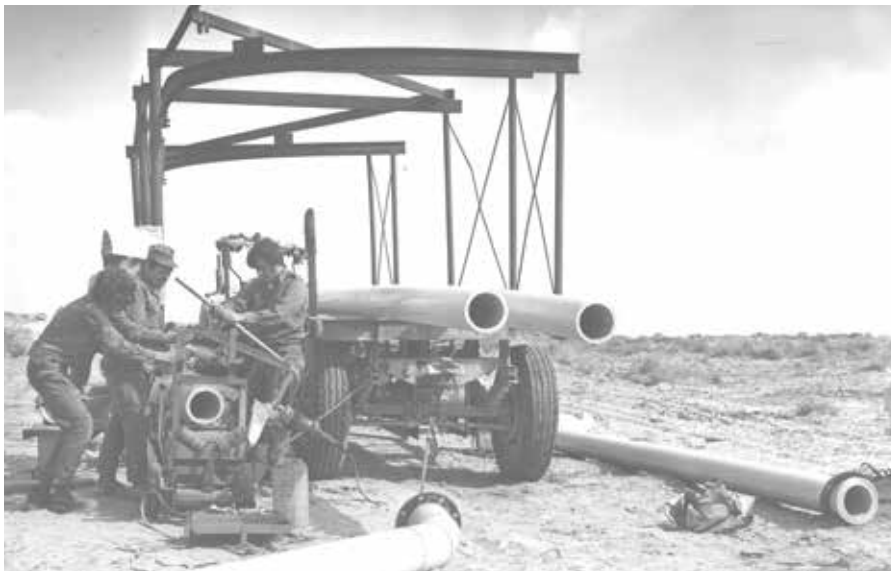


The Plastics Experts.





AGRU Corporate mission



VISION

AGRU is established as the world's most important single-source supplier for high-quality products made from engineering plastics. Conservation of resources and respect for the environment occupy the foreground in all our business endeavours. Customers all over the world trust the plastics expertise the company has amassed in the course of a lifetime.

SUCCESSFUL SINCE 1948

The AGRU success story that has lasted for more than seven decades. Founded back in 1948 by Alois Gruber senior, nowadays the company is one of the world's most important single-source suppliers for piping systems, semi-finished products, concrete protection liners and lining systems made from engineering plastics.

Our ability to supply everything from a single source sets us apart. We use only top-grade thermoplastic polymers as our raw materials. When it comes to application-technical consulting, we are your best partner in the field.



MISSION

AGRU supplies the plastics technology that makes customers from all over the world successful in their widely differing industries. As a reliable, experienced supplier we offer everything from semi-finished products through to technologically optimised injection mouldings, all from a single source. We handle the challenges from thousands of projects and evolve our products and services on a rolling basis. Uncompromising quality, outstanding customer benefit and high operational dependability are our maxims. We implement custom solutions and application-oriented new developments with the highest flexibility - with precision and economically. Our dedicated employees with plastics expertise make AGRU successful as a global player.



THE PLASTICS EXPERTS.

With its competence in producing engineering plastics components and developing tailored solutions, AGRU is present in virtually every sector of industry. The possibilities opened up by our products are manifold, just as the requirements of our customers are diverse.

The thermoplastics worked by AGRU are extremely high-quality engineering polymers used in virtually all branches of industry where durability, operational dependability, cost certainty and versatility are essential.

AGRU

at a glance



1948	FOUNDING YEAR
6	CONTINENTS
100	COUNTRIES
150	DISTRIBUTION SITES
1400	EMPLOYEES
95 %	EXPORT RATE
100 %	CUSTOMER VALUE



Industries

- ⦿ WATER / GAS INFRASTRUCTURE
- ⦿ ENERGY SECTOR
- ⦿ CHEMICAL / HEAVY INDUSTRIES
- ⦿ SEMICONDUCTOR / LIFE-SCIENCES
- ⦿ TANK AND APPARATUS BUILDING
- ⦿ NAVAL AND AVIATION INDUSTRIES
- ⦿ CIVIL ENGINEERING / MINING
- ⦿ BUILDING CONSTRUCTION



Plant 4
since 2010

Plant 2
since 1991

AGRU HQ, Bad Hall, Austria



Plant 3
since 2002

Plant 5
since 2016



Plant 1
since 1962

Apprenticeship workshop
since 2018

AGRU customer orientation

MAJORITY OWNER

AGRU is an acronym derived from the name of Alois Gruber: Alois Gruber and son Alois Gruber jun. are the majority owners and CEO's of AGRU. Clear decisions, integrity and continuity characterise their company. AGRU customers appreciate the extraordinary flexibility and short reaction times made possible by this flat hierarchy. Just as they appreciate the reliability of the products and the dependability of every agreement we make. As a real family-owned company, AGRU is very much aware of its responsibility to customers, employees and the environment.



“HIGH PRODUCT QUALITY MAKES A PIPING SYSTEM RELIABLE AN ISSUE ON WHICH AGRU IS RIGOROUSLY UNCOMPROMISING.”



SATISFYING REQUIREMENTS WITH PRECISION

AGRU has built a reputation for satisfying its customers' wishes efficiently, cost-effectively and with superlative flexibility. Customer-oriented technical solutions, the ability to think outside the box and decades of hands-on experience are what it takes.



Growth through progress



1948
FOUNDATION OF AGRU



1961
PE / PP PROCESSING



1966
INJECTION MOULDED FITTINGS



1987
BRANCHES IN ASIA & USA



2010
XXL PIPES OD 2500 MM



2016
CLEANROOM PLANT



2017
XXL PIPE PRODUCTION FACILITY



2018
NEW APPRENTICE SHOP



2023
COMPLETION OF PLANT 6

Pathbreaking in plastics technology



QUALITY

Operational reliability, on-time delivery and maximum customer benefit are our maxims. Over more than 50 years, the plastics experts have accumulated a wealth of expertise unique in the industry. This lifetime of experience flows into application-oriented innovation, high-tech production and outstanding service and logistics performance.



RELIABILITY

Different materials, technologies and products plus a worldwide network of partners all contribute to making AGRU a single-source supplier. For large-scale projects and special solutions in particular, AGRU is able to offer its customers a one-stop shop.



AGRU a trusted partner



VAST STORAGE
AREAS



GLOBAL LOGISTIC
OPERATION



AGRU production



100.000 TONNES/YEAR



115.000 M² FLOOR SPACE



PLANTS IN 5 COUNTRIES



TECHNOLOGY LEADERSHIP

Producing at the cutting edge of technology, improving processes and optimising results are part and parcel of AGRU's guarantee of competitiveness. Day in, day out, we demonstrate our cost and quality leadership in our plants all over the globe. The technological edge means that AGRU solutions are consistently among the best in their field.

MANUFACTURING EXPERTISE

Quality and cost leadership are another two of our maxims. So our customers profit from state-of-the-art technologies at an unbeatable price-performance ratio. One major plus is our technological diversity: injection moulding is one of our core competences and another is the extrusion of thermoplastics. And working with fibre composites and fluoroplastics is an established tradition at AGRU.

PRODUCTIVITY

Productivity means taking know-how, automation technology, meticulous craftsmanship, process reliability, lean production and energy efficiency and combining them to optimum effect.



Top-grade fittings

MAXIMUM CUSTOMER BENEFIT

AGRU fittings for medium-retaining pipes are hallmarked by uncompromising precision, robustness and durability. In this respect, functionality and cost-effectiveness are two sides of the same coin. As an industry leader, our company produces injection-moulded fittings of enormous design complexity, using the very latest technologies.

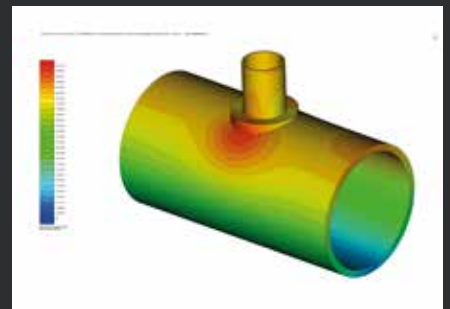


PIPING SYSTEMS FROM AGRU DELIVER ON EVERYTHING THE MANUFACTURER PROMISES.



OPERATIONAL SAFETY

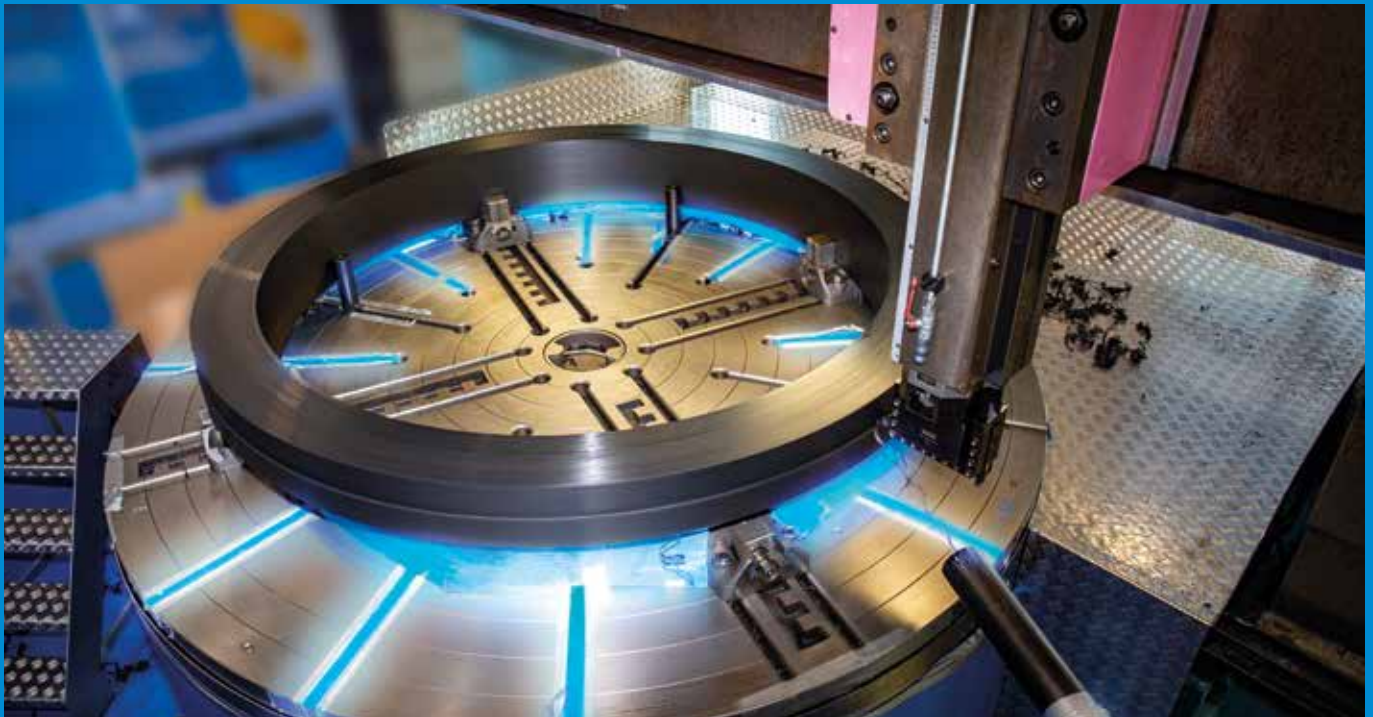
In exhaustive cycles that include abrasion tests, rigorous leak tests and bursting-pressure tests, our products are tested under conditions vastly harsher than those encountered in real-world operation. These huge safety margins allow AGRU users to rely one hundred percent on the quality, operational dependability, reliability and durability of our products.



Resource-saving production

SUSTAINABILITY

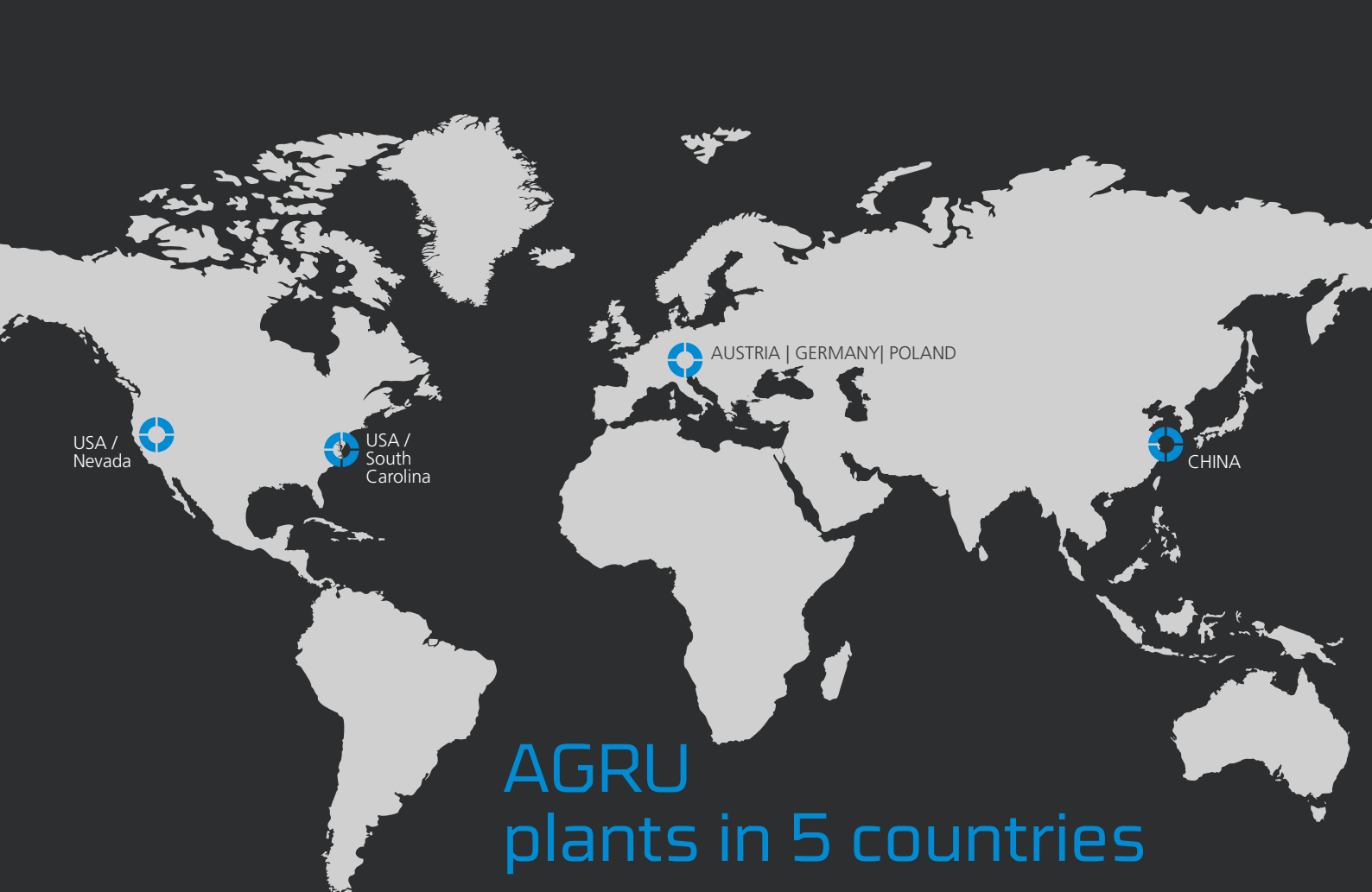
Conserving resources in production is second nature to AGRU. At AGRU, environmental protection starts in the product development phase. Flow simulations and materials analyses are the basis for the design of fittings that save energy in operation and achieve the same rigidity with less polymer in the mould. Procurement processes that set store by high quality, resource-conserving manufacturing processes and extremely long lifespans contribute to sustainability in all AGRU products.



INTERNAL CIRCULAR ECONOMY

Process waste arisings are recycled in production, adding to sustainability. Residual amounts of polymers arising during the production process are sorted into their different fractions. So they can be returned to the materials cycle and put to good use.





USA / Nevada

USA / South Carolina

AUSTRIA | GERMANY | POLAND

CHINA

AGRU plants in 5 countries

**AGRU KUNSTSTOFFTECHNIK
AUSTRIA**



**AGRU OBERFLÄCHENTECHNIK
AUSTRIA**



**AGRU-FRANK
GERMANY**



**TWS
POLAND**



**AGRU AMERICA
FERNLEY, NV/USA**



**AGRU AMERICA
GEORGETOWN, SC/USA**



**AGRU AMERICA
ANDREWS, SC/USA**



**AGRU AMERICA
CHARLESTON, SC/USA**



**AGRU PIPELINE TECHNOLOGY
CHINA**





The Plastics Experts.

APPLICATION-TECHNICAL CONSULTATION

Very often, the material used turns out to be definitive in terms of the ultimate profitability of an engineering solution. Only if the raw material is perfectly matched to the real-world conditions of use can physical toughness and resistance to chemicals and temperature effects be fully to specification. Application-specific material selection is one of AGRU's core competences. As a professional partner for everything associated with plastics, AGRU can point out the most economical solution for any problem, no matter how big the challenge.



PRECISION WELDING – FOR DURABLE JOINS

With a global reputation as an innovative plastics expert and reliable business partner, AGRU offers comprehensive know-how plus many years' experience in material selection and installation of its products. In particular in welding technology AGRU was and still is a pioneer who sets new benchmarks with ground-breaking innovations.

Research, development & Innovation



NUMEROUS WORLDWIDE PATENTS AND CONTINUOUS NEW APPLICATIONS UNDERLINE THE INNOVATIVE STRENGTH OF THE AGRU GROUP AND ITS GLOBAL ACTIVITIES.



1966: INJECTION MOULDING



2016: WORLD FIRST IN PE 100-RC

THE MISSION TO BE THE FIRST

AGRU is a global market leader in the production of PP, PE 100-RC and PVDF fittings, extra wide geomembranes and concrete protective liners. Plant 5 sees the company revolutionize production in cleanrooms. The extended capacities in Plant 6 benefit from environmentally friendly solar power.



1986: LINERS WITH A WIDTH OF 7 M



2019: EXTENSION OF PLANT 5



2023: PLANT 6 NEWLY BUILT



INNOVATION IS THE KEY TO SUCCESS

AGRU's plastics engineers are focused on the future. Only those who today are dealing with the customer- and target-group-specific requirements of tomorrow will be successful in the future.

GROUND-BREAKING INNOVATIONS HAVE BEEN A HALLMARK OF AGRU SINCE ITS EARLIEST DAYS.



SERVICES

AGRU's strengths extend far beyond the processing of plastics as such. Depending on customer requirements, the company offers services including:

Applications-engineering consulting in all build phases, selection of materials, training in welding processes, field supervisors, rental and sale of welding machines, day-definite delivery and much more.



Plant 5 - a new industrial standard for cleanroom production



7.739 M² FLOOR SPACE



CLEANROOM CLASS 5



PURAD PIPING SYSTEM



AGRU Custom parts Tailor-made plastics engineering



INDIVIDUAL SOLUTIONS

AGRU's strengths go far beyond simple plastics processing. AGRU realizes custom-tailored individual solutions that are among the best in the industry, both in economical and technological terms. The broad range of available thermoplastics, the product expertise of our application engineers, our high-quality production, and not least our global logistics network make AGRU your best partner for sophisticated plastics engineering.



Custom parts
brochure



AGRULINE

PIPING SYSTEMS

PE 100-RC piping systems for gas, hydrogen and potable water distribution as well as sewage water disposal. Trenchless and sandbed-free installation possible. Available in dimensions up to OD 3500 mm.

One stop shopping

AGRU IS ONE OF THE WORLD'S MOST IMPORTANT FULL-RANGE SUPPLIERS OF HIGH-QUALITY PIPING SYSTEMS, CONCRETE PROTECTION SLABS, SEMI-FINISHED PRODUCTS AND GEOMEMBRANES MADE OF ENGINEERING PLASTICS.



AGRUCHEM

INDUSTRIAL PIPING SYSTEMS

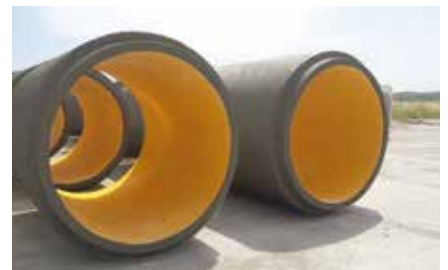
Piping systems and double containment piping systems made of PP, PE 100-el, PPs, PPs-el, PVDF and ECTFE for industrial applications such as transport of aggressive media and contaminated sewage water.



PURAD

PIPING SYSTEMS

PVDF-UHP, PP-Pure, Polypure and ECTFE piping systems for the distribution of ultra-pure-water in semiconductor, pharmaceutical and food industry.



BETONSCHUTZ

PROTECTIVE LINERS

Concrete protective liners and assembly profiles made of PE, PP, PVDF and ECTFE for the protection of your concrete structures from wear and chemical corrosion.



SEMI-FINISHED PRODUCTS

SHEETS, BARS, BLOCKS, RODS ...

Sheets, bars, blocks, liner pipes welding rods and fittings made of PP, PE, PPs, PPs-el, HDPE, PE 100-el, PVDF, ECTFE, FEP and PFA for the manufacturing of tanks and for use in apparatus engineering.



LINING SYSTEMS

GEOMEMBRANES

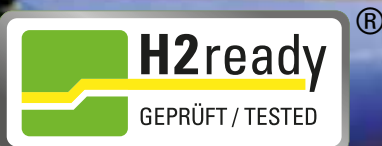
Geomembranes made of HDPE, VLDPE, LLDPE and FPP as well as drainage systems made of PE and PP for the use in landfills, tunnels, ponds, hydraulic engineering.



WELDING

WELDING SYSTEMS

Welding machines in various dimensions for professional infrared-, butt- and induction welding.



AGRULINE

THE USER-FRIENDLY
PE 100-RC PIPING SYSTEM

ONE STOP SHOPPING

Pipes and fittings from one factory for maximum accuracy of fit

MAINTENANCE FREE PIPEWORK

Welded joints and PE 100-RC ensure high operational reliability

HIGH ECONOMIC EFFICIENCY

Simple assembly, high quality and long service lives

CERTIFIED MATERIALS

Raw materials in accordance to PE 100+ Association guidelines

MULTIFUNCTIONAL SYSTEM

For the distribution of gas, hydrogen, and potable water and the disposal of sewage



LARGE DIAMETER PIPES



FM APPROVED



PE 100-RC FITTINGS



AGRULINE
Brochure

AGRUCHEM

PIPING SYSTEMS FOR INDUSTRIAL APPLICATIONS

FAST & EASY INSTALLATION

Pipes, fittings and customized solutions perfectly harmonized

MAINTENANCE FREE PIPEWORK

Welded joints and materials for high operational reliability

DOUBLE OPERATIONAL SAFETY

The compact Poly-Flo double containment piping system is highly reliable

HIGH MEDIA RESISTANCE

Pipes and fittings made from PE 100-RC/PP/PVDF/ECTFE

EXPERTISE IN PLASTICS

Decades of experience in plastics processing, research & development



AGRUCHEM
INDUSTRIAL
PIPING SYSTEMS
Brochure



PE-el PIPING SYSTEM



DOUBLE CONTAINMENT PIPING SYSTEM



FLUOROPLASTIC SYSTEM



PURAD

HIGH PURITY PIPING SYSTEMS

HIGHEST PRODUCT PURITY

Production of all system components
in ISO class 5 cleanrooms

ONE STOP SHOPPING

Pipes and fittings from one factory
for highest performance

UNIVERSAL APPLICABILITY

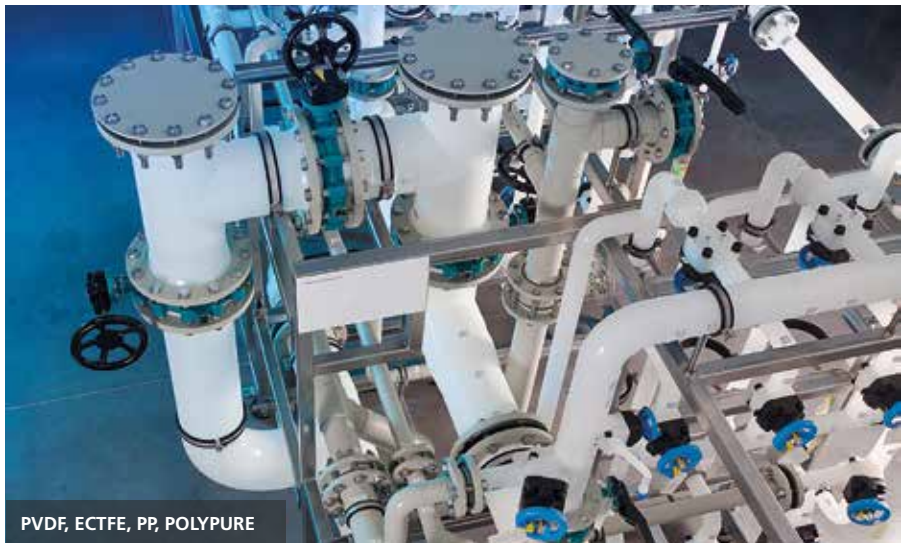
Perfectly adjusted system components
in PVDF UHP, ECTFE, PP Pure, PP nature

LONG-TERM RELIABILITY

Exclusive processing of selected
premium thermoplastics

EXPERTISE IN PLASTICS

Decades of experience in plastics
processing, research & development



PVDF, ECTFE, PP, POLYPURE



CLASS 5 CLEANROOMS



PURAD
Brochure



AGRUSAFE CONCRETE PROTECTION

LONGER SERVICE LIFE FOR
CONCRETE BUILDINGS

FIRMLY SEALED SURFACES

Corrosion protection and sealing
made of chemically stable plastics

FOR EVERY REQUIREMENT

Wide range of materials available
(PE, PP, PVDF, ECTFE)

HIGH ECONOMIC EFFICIENCY

Simple assembly, high quality and
long service life

HIGH OPERATING RELIABILITY

Best weldability ensures maximum
tightness

EXPERTISE IN PLASTICS

Decades of experience in plastics
processing, research & development



ULTRA GRIP



HYDRO+ / HYDROCLICK



AGRUSAFE
CONCRETE
PROTECTION
Brochure



LINING SYSTEMS

GEOMEMBRANES

CORROSION PROTECTION

Tunnel liners protect the inner concrete shell from aggressive mountain water

FOR SOIL & GROUNDWATER

For mining, water and landfilling, liquid manure & retention basins

ONE STOP SHOPPING

Lining systems, water stop profiles, perforated pipes, discs available

PROVEN QUALITY PRODUCTS

AGRU Lining systems are in compliance with many international standards

HIGH SUPPLY CAPABILITY

Global distribution network, high capacities



GEOMEMBRANES



TUNNEL LINERS



LINING SYSTEMS
Brochure

SEMI-FINISHED PRODUCTS

MADE FROM PE, PP, PVDF, ECTFE, FEP, PFA

SHEETS, BARS, BLOCKS, LINER PIPES, WELDING RODS AND FITTINGS

HIGHEST MEDIA RESISTANCE

A stable polymer is for each chemical application available

LESS OPERATING COSTS

Due to excellent material properties and extended maintenance intervals

ONE STOP SHOPPING

Comprehensive semi-finished product portfolio and extensive stock-keeping

CONSISTENTLY HIGH QUALITY

Raw material specifications, cutting-edge production & quality assurance

FABRIC BACKINGS

Chemically resistant fabrics made of various materials



SEMI-FINISHED PRODUCTS Brochure



WELDING

STATE OF THE ART WELDING TECHNOLOGY FROM AGRU

BEADLESS WELDING

Fully automated welding process and documentation

CONTACTLESS WELDING

Infrared technology for highest purity with and without bead

BUTT WELDING

For pipe diameters up to OD 3,500 mm

INDUCTION WELDING

For concrete protective liners, geomembranes and piping systems



INFRARED WELDING



BEADLESS WELDING



INDUCTION WELDING



BUTT WELDING



LARGE DIAMETER BUTT WELDING



WELDING SYSTEMS
Brochure

References worldwide

CONCRETE PROTECTION
FOR WASTEWATER TUNNEL



PE 100-RC
SAND BED FREE
INSTALLATION IN
ALPINE TERRAIN





PFA SHEETS FOR
SULFURIC ACID-
PRODUCTION PLANT



AGRUCHEM PP PIPES
AND FITTINGS FOR
NATURAL FILTER PLANT

References worldwide



RECORD-BREAKING
HDD-INSTALLATION
OD 1400 MM

XXL PIPES FOR
SEA WATER INTAKE

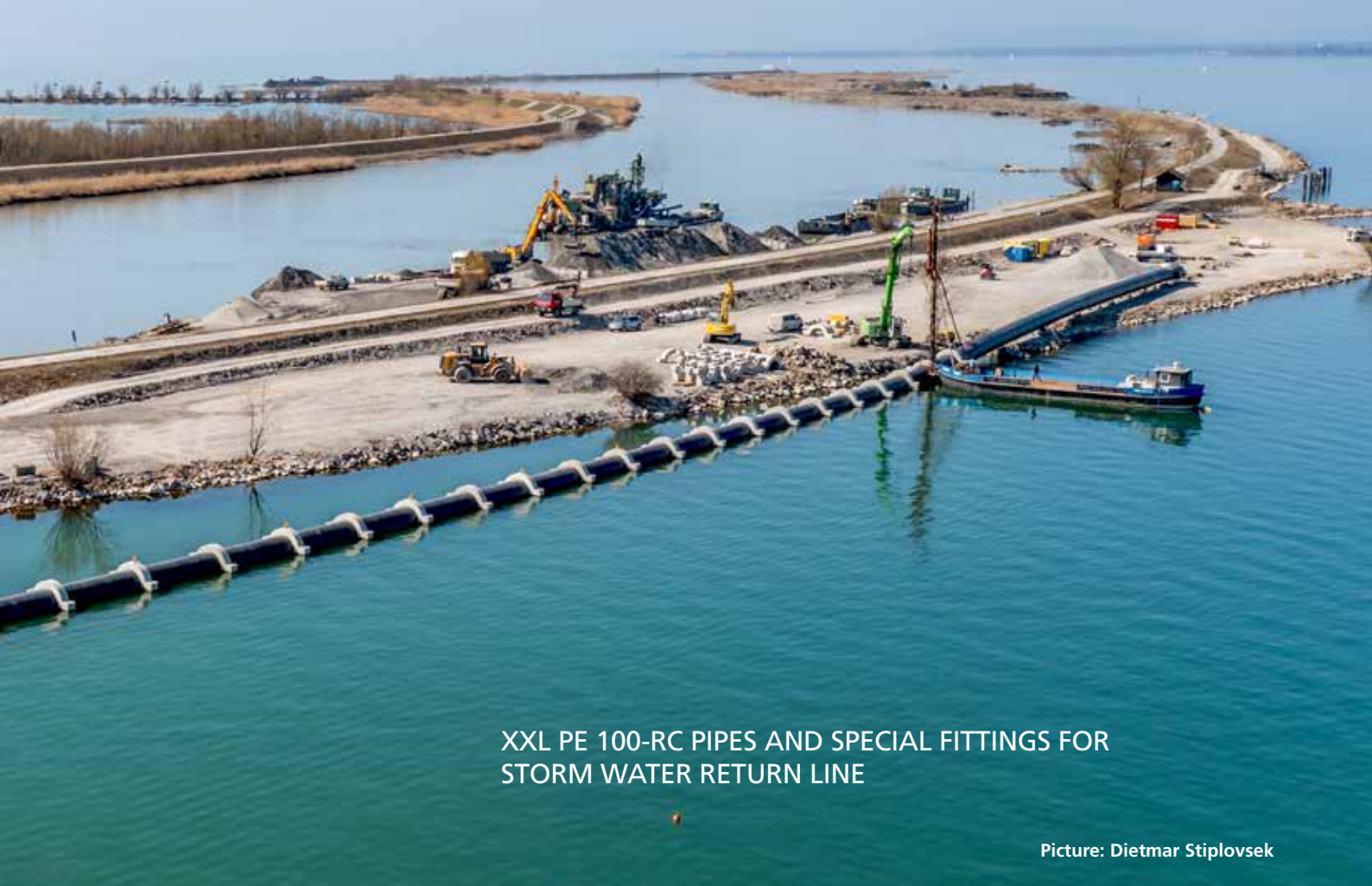


**HYDRO^{CLICK} LINING FOR
POTABLE WATER TANKS**

References worldwide



PP-H SHEETS, PIPES AND
PP-R FITTINGS FOR RINSE TANK



XXL PE 100-RC PIPES AND SPECIAL FITTINGS FOR
STORM WATER RETURN LINE

Picture: Dietmar Stiplovsek



HDPE GEOMEMBRANES
FOR WATER RESERVOIRS

References worldwide



HDPE GEOMEMBRANES
FOR TUNNEL SEALING



ULTRA PURE
WATER PLANT





AGRULINE PE 100-RC FOR
LAKE WATER UTILISATION

Picture: Hydrokarst Swiss



XXL PIPES FOR WASTEWATER
AND STORMWATER INFRASTRUCTURE

References worldwide



SURELINE III PIPES
WITH PROTECTIVE LAYER



XXL
BUTT-WELDING

SURE GRIP CONCRETE
PROTECTION FOR BASINS



PFA LINING OF A ELECTROSTATIC PRECIPITATOR HOUSING





The Plastics Experts.

0123

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