



CHEMLINE
Plastics Limited

PP
Piping
Systems

Manufactured by:



POLYPROPYLENE PIPING SYSTEMS for High Purity or Chemical Applications

Chemline Plastics is the exclusive Canadian stocking representative for AGRU PVDF and PP pipe and fittings.

For more than 30 years AGRU has produced high quality pipe, fittings and semi-finished products of thermoplastics.

Quality – a serious commitment

Reliability of the installed product is guaranteed due to extensive quality assurance systems. All stages of the manufacturing process are controlled and routinely audited by independent agencies.

A complete package

Chemline offers a complete polypropylene package including pipe, fittings, valves, flow meters and controls along with state of the art infrared butt fusion equipment for purchase or rental. Our engineers are available for technical assistance from the design through installation stages of your project.

Properties of Polypropylene

- low specific weight
- high operating temperature
- high impact resistance
- low creep
- high heat ageing stability
- good weldability
- high chemical resistance
- excellent abrasion resistance
- good elasticity
- smooth inner surfaces of the pipes – no deposits or “overgrowth”
- low frictional resistance
- approved for food (FDA) and potable water
- will handle compressed gases
- Polypropylene pipe may be connected to metal pipe with standard fittings.

**Both Pigmented and
now Unpigmented material
is available**



Typical applications for PP piping systems

- industrial pipe for the transport of aggressive fluids up to 100°C
- suction and exhaust piping systems
- pipe for slurries
- process plant piping systems for breweries, dairies, food processing plants, etc.
- power equipment and tank construction
- water treatment equipment
- deionized water

For further details contact Chemline Plastics.



PRODUCT RANGE

PIPE

1/2" - 56" dia. (20 - 1400mm)
15 - 235 psi (PN 1, 10, 16)
Standard length: 5 m (16.5 ft.)

MOULDED FITTINGS FOR BUTT WELDING

150 - 235 psi (PN 10, 16)

Bends 90° 1/2" - 16" (20 - 400mm)

Elbows 45° 1/2" - 12" (20 - 315mm)

Tees 1/2" - 16" (20 - 400mm)

End Caps 1/2" - 12" (20 - 315mm)

Reducers

concentric 1/2" - 24" (20 - 630mm)

Reducers

concentric with extended legs
1/2" - 10" (20 - 225mm)

Stub Flanges

1/2" - 12" (20 - 315mm)

PP Backing Rings with steel inserts

1/2" - 12" ANSI 150 and
20 - 315mm, PN 10 (DIN)

MOULDED FITTINGS FOR SOCKET WELDING

Available on request.

FABRICATED FITTINGS

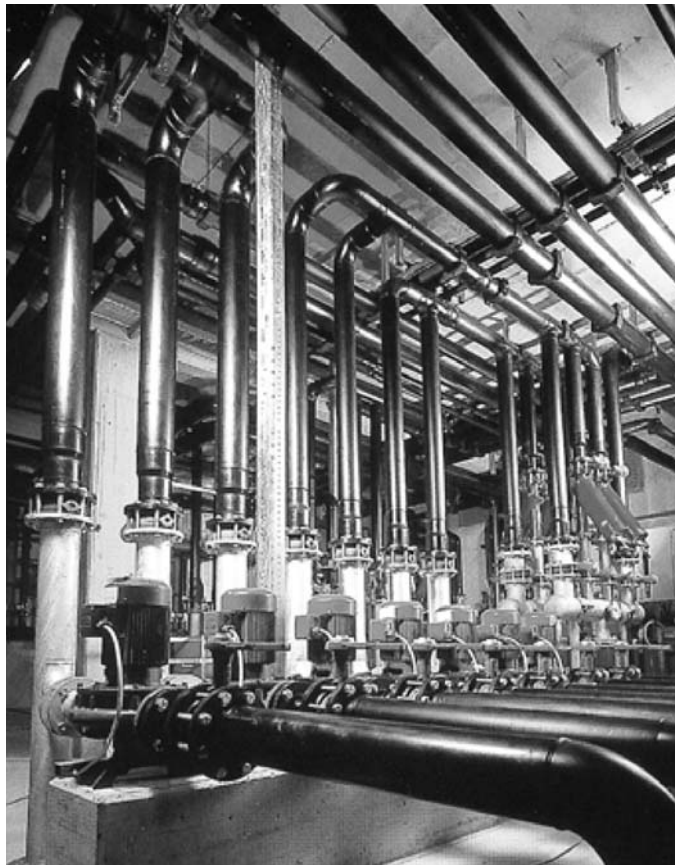
For sizes larger than moulded fittings – available on request.

VALVES, ETC.

A complete range of PP valves, flow meters and controls are available with butt fusion ends up to 6" (150mm) or flanged up to 24" (600mm) for industrial chemical applications.

FUSION MACHINES

State of the art infrared butt fusion machines are available for purchase or rental.



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