



# PE and PP Sheet Stock Advantages



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## PP-sheets With PP-Fabric

Our development process for semi-finished products includes extruded sheets with PP-fabric backing to meet the increasing requirements of fabricators.

Agru America has been sustaining firm steel, concrete and FRP bonds with PE-, PP-, PVDF-sheets with polyester fabric and ECTFE sheets with glass fabric backing for sometime.

Existing PP product range includes PP-sheets with polypropylene fabric backing.

The main advantages of PP-sheets with polypropylene fabric are:

- Continuous weldability (sheet and fabric are made of the same material)
- Best chemical resistance
- Minimized thermal stress in case of strong temperature changes in the application
- Perfect thermal formability
- Ecology (sheets can be recycled)

### Delivery Program: PP

PP-H- and PP-B-sheets in grey color are available in the following dimensions:

- 25 000 x 1500 x 3 mm (rolled)
- 25 000 x 1 500 x 4 mm (rolled)
- 3 000 x 1 500 x 3 mm
- 3 000 x 1 500 x 4 mm
- 3 000 x 1 500 x 5 mm
- 3 000 x 1 500 x 6 mm

(Further dimensions are available on request)



## PE 100-sheets

(Natural and Black)

PE 100 is characterized by strong resistance to crack growth and increased insensibility to notches. These well-proven properties in pipelines are very reliable and contain better stability when applied as PE 100-sheets. Agru America's semi-finished product offerings include extruded and compressed sheets, full staves and wires of PE 100 black color and high quality wires of PE 100 natural color.



Product benefits include:

- Excellent impact strength
- High resistance to crack growth
- Improved mechanical properties
- Outstanding chemical resistance
- Physiologically harmless and nontoxic
- High purity (applications in process industry) for natural colored PE-100 sheets
- DIBT approved (No. Z-40.26-454) for PE 100-sheets

Applications for sheets in PE 100 include:

- Process equipment
- Plastic apparatus construction
- Tank construction
- Food industry



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