

Solar Panel Manufacturing



The Solar Industry and Photovoltaic Cell demand is growing at a rapid pace. No supplier understands your needs for quality products suitable for critical applications and fast paced service to meet competitive market demands better than Asahi/America. Asahi/America is the leading manufacturer of thermoplastic valves and piping systems.

Our **Dymatrix™** specialty valves are used in Chemical, Slurry & UPW processes. Our Purad™ UHP PVDF & PolyPure® PPN piping systems are used to transport Ultra Pure Water through facilities and to process equipment. Asahi's valves and actuators help the flow of water and waste. Our Double Containment piping system transports waste and hazardous chemicals safely and efficiently.



Dymatrix™ Specialty Valves



The **Dymatrix™** product line offers unique flow control solutions to the Solar Panel Industry. **Dymatrix™** valves are ideally suited for Chemical Process, CMP Slurry and Ultra Pure Water applications. The **Dymatrix™** stock program is instrumental in meeting expedited facility expansion schedules and increased customer demand.

- **Pressure Regulators** (HPRL)- Precisely accurate and highly stable, ideal for applications where pressure balance is critical.
- **Needle Valves** (NVM) - Utilize a dual stem for true linear flow control and integrated diaphragm for superior purity. Ideally suited to regulate flow control in process lines.
- **Pinch Valves** (PV3, PVM, PVEL, PVSL) - Design provides superior durability and eliminates particle generation in CMP Slurry applications.
- **Multiport Valves** (MPV) Manifold multiple process lines to eliminate fittings and deadlegs.

- Asahi/America provides the cleanest most comprehensive high purity piping systems available.

- Purad™ UHP PVDF and PolyPure® Natural Polypropylene offer, more sizes, fittings and pressure ratings than any other single source.

- Asahi/America HP Piping systems are complimented by the SP series IR Fusion equipment.

-The automated SP equipment provides unmatched quality, repeatability and ease of operation.

Thermoplastic Valves



Asahi/America plastic valves provide a dependable and economical way to handle corrosive chemicals, including sulfuric, hydrofluoric and nitric acid, caustics, solvents, and various other aggressive fluids.

Asahi valves are available in a wide range of styles including ball, diaphragm, butterfly, check and gate.

Purad™ UP PVDF & Polypure PPN High Purity Piping Systems



Double Containment Piping Systems

- Asahi/America has been providing double containment piping systems to meet EPA standards for over 15 years.

- Fittings and system fabricated & customized in our Malden, MA headquarters.

- Feature 4 unique systems to meet even the harshest chemicals in the most demanding environments.

