

SOLUTIONS: COSMETICS INDUSTRY

ASAHI/AMERICA'S HIGH PURITY PIPING

Asahi/America's product offerings provide a single source solution. Our extensive product selection is supported by an experienced and knowledgeable group of engineers, technicians, and sales agents ready to assist you with your application requirements from concept to completion.

COSMETICS INDUSTRY

- **Skincare:** Moisturizers and creams
- **Haircare:** Shampoo
- **Face care:** Cream and lotion
- **Personal care:** Toothpaste, mouthwash
- **Treatment:** Medicinal creams

ADVANTAGES OF THERMOPLASTICS

- High purity resins and cleanroom manufacturing processes provide low leachout levels
- Extruded thermoplastic piping offers smooth inner surfaces to limit biofilm growth
- Does not rouge or require routine passivation/factory shutdowns
- Lightweight and easy to install
- Corrosion resistant to salts and acids
- Low cost of ownership compared to 316 stainless steel material costs that tend to vary based on market factors

HIGH PURITY PIPING WATER SPECIFICATIONS

Products	Material	Water Quality Suitability
Purad®	PVDF	ASTM Type I WIFI, USP, HPW, UPW
PolyPure®	Natural Polypropylene (PPn)	ASTM Type II HPW
		ASTM Type III PW

Purad® PVDF



PolyPure® PPn



Schedule a lunch and
learn today with our
experts!



THERMOPLASTIC WELDING BENEFITS & METHODS

- Eliminate or minimize biofilms with repeatable, reliable tooling
- Minimize installation errors
- Generate weld records for each operator
- Asahi/America's SP series tools are available to rent or purchase for specific applications



Watch a weld demo on our SP 110-B beadless welding tool by visiting the QR code!



SP 110-B Beadless Welding Tool

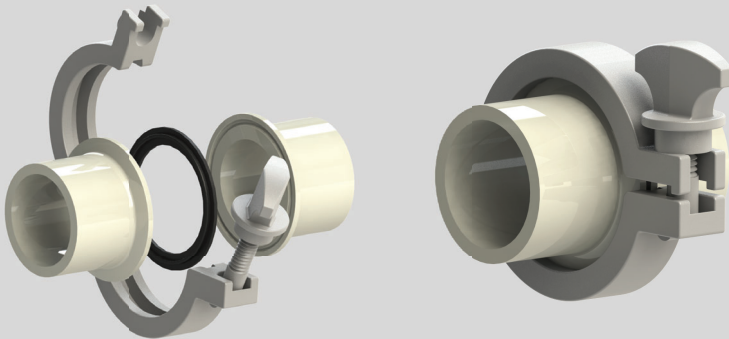
	Socket Fusion	Butt Fusion (Contact)	IR Fusion (Non-contact)	Beadless Welding	Electrofusion
Bead Size	Large	Medium	Small	None	None ¹
Reliability	Good	Excellent	Excellent	Excellent	Fair

1. Electrofusion is crevice-free only if welded with a balloon

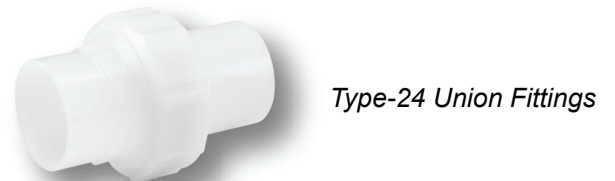
HIGH PURITY PIPING COMPONENTS

Sanitary Adapters & Hygienic Clamps for Transitions to Stainless Steel:

High purity sanitary adapters are commonly used in many pharmaceutical and life science applications. Sanitary adapters are held together with hygienic clamps (or sanitary clamps) and a gasket, which creates a crevice-free seal to limit areas where biofilm can grow. These mechanical connections make cleaning and sterilization a quick and easy process, and facilitate a seamless connection to stainless steel pipe.



Other Options:



Schedule a lunch and learn today with our experts!

