

Tube Sets and Manifolds

Customized and manufactured for specific bioprocessing applications

What does “custom” mean in bioprocessing? Many single-use suppliers advertise their capability in customization but in reality, are limited to the interchange of components or lengths of tubing. While helpful, these designs may fall short of what end users are looking for. Entegris offers true customization to meet your exact process needs with a short lead time. 2D or 3D bags with custom port locations, mesh sizes, pump elements, filters, connectors, and fittings are all options within our design space and keep qualification simple. New components or custom-supplied components may also be integrated onto any assembly. Entegris can design and build the perfect tube set or manifold solution for your process, reducing risk and keeping product control in your hands.



Standard Features

- Manufactured in a minimum ISO class 7 cleanroom under ISO 9001 QMS
- Entegris tube sets and manifolds are sterilized using gamma irradiation between 25–40 kGy, unless requested otherwise
- Certificates of Analysis provided for each lot

APPLICATIONS

- Upstream and downstream bioprocess
- Secure fluid transfer
- Stainless to single use interface
- Aseptic filling and sampling
- Jumpers between non-compatible parts
- High Density Cell Banking
- Bioreactor filtration and support
- Sterile processing and storage

FEATURES & BENEFITS

Customizable system design	Provides design flexibility and allows the system to fit the process rather than the process adapt to the system
Quick-turn customer service	Short lead time and delivery minimizes the risk of production delays ¹

¹Lead time dependent on materials used.

CUSTOMIZATION OPTIONS

Any tube set or manifold can be packaged together for a specific application. Customized packaging or kitting is also available.

Sensors	Pressure, temperature, dissolved oxygen, pH
Pump elements	Peristaltic, Levitronix, Quattroflow™, etc.
Tubing	Silicone, TPE, PVC, EVA
Connectors	Aseptic, open, Luer
Ports	Hose barb, sanitary, threaded, spike ¹
Fittings	Sanitary, threaded
Bags²	May be constructed from any of our standard films
Filters	Vent, sterilizing
Other	Syringes, directional or check valves, mesh bags

¹Contact Entegris application support regarding configurations available.

²Various films available to ensure compatibility with your cells and liquids.

FOR MORE INFORMATION

Please call your Regional Customer Service Center today to learn what Entegris can do for you. Visit [entegris.com](https://www.entegris.com) and select the [Contact Us](#) link to find the customer service center nearest you.

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