

DATA CENTER COOLING

Adapters for Thermal Management

Parker

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Fully-Customized Support

Data center cooling requirements are always unique—so why base your designs on off-the-shelf parts made by others simply because they're readily available? Our **Tube Fittings Division** (TFD) experts can assist with system design to ensure the best fit for your needs.

We design products that **maximize flow and minimize pressure drop**, while **maintaining a compact footprint** that is critical for high-density data center cooling systems. This enables system engineers to **optimize their desigs for maximum efficiency, ease of assembly, and maintenance**.

Manufacturing Speed

Our North American TFD manufacturing capabilities allow us to be agile, giving us the ability to design, machine, and post process assemble quickly for fast turnaround. Additionally, our high-volume production equipment allows us to scale up projects efficiently without missing deadlines.

Whether you need custom prototypes or large production orders, we have the capabilities to quickly manufacture the adapters to support your time-critical projects.

Customized Options to Build Efficient Systems

Server Blade



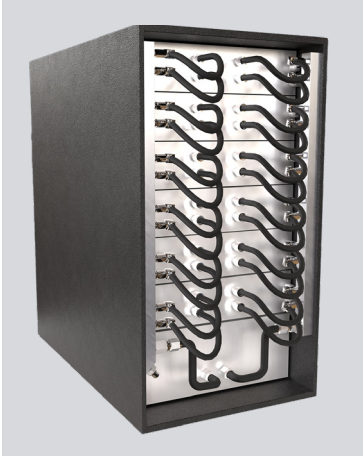


Seal-Lok O-ring Face Seal (ORFS) Adapters



Hose Barb with Custom Radial Seal Port

Server Rack





BSPP Adapters

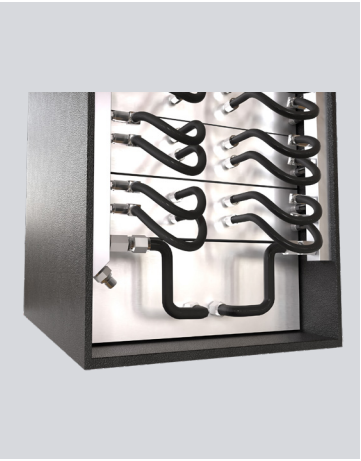


Hose Barb Adapters



SAE O-ring Boss (ORB) Adapters

Coolant Distribution Unit (CDU)





BSPP Adapters



Seal-Lok O-ring Face Seal (ORFS) Adapters



SAE O-ring Boss (ORB) Adapters

Valve Train





BSPP Adapters



Hose Barb Adapters



SAE O-ring Boss (ORB) Adapters

Meeting Your Critical Needs:

Leak-Free Connections

Ensuring fluid does not get into the electronic system is critical. Our adapters offer a wide range of compatible seal options designed specifically to ensure this protection.

Rapid Delivery on Prototypes

Time is critical in the design and testing of these systems. We offer rapid prototyping to help you keep projects on schedule and avoid delays.

Custom Capabilities

In addition to the standard configurations, we can design custom adapters to maximize space, reduce connections for streamlined routing, and solve fluid conveyance issues.

System Experts

Our engineers specialize in data center cooling system requirements through their active involvement in the Open Compute Project (OCP). They can help you select the adapters needed to build the most efficient and effective system.

Wide Range Of Configuration Capabilities

We offer the industry's widest range of adapters, including BSPP, SAE O-ring Boss (ORB), NPT, barb, and Seal-Lok O-ring Face Seal ends.

Use the TFD FittingFinder mobile app or go to parkerfittingfinder.com to easily identify the fittings and adapters you need for your system.



Our experienced engineers, who are actively involved in OCP, are ready to help identify the adapters best suited for your specific system.

Combining our expertise in leak-free fitting design with our customers' system requirements results in powerful fitting designs to revolutionize the cooling systems of the future.

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