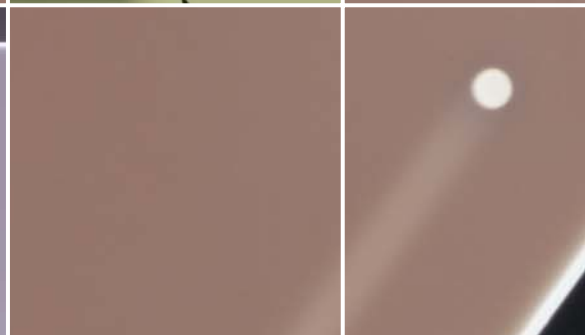
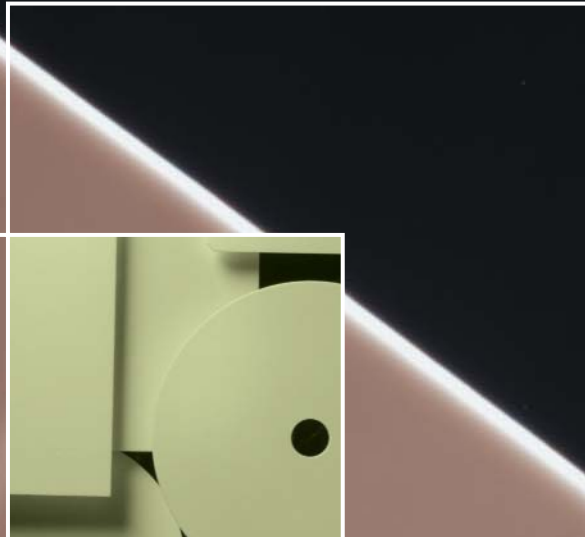


COORSTEK
Amazing Solutions.®



MULTI-LAYER CHanneled
CERAMIC STRUCTURES

HERMETICALLY SEALED, MULTI-LAYER CHANNELED STRUCTURES

Developed for specialized applications in the semiconductor, electronic, and medical industries, CoorsTek hermetically sealed, multi-layer channeled structures provide a high-purity, corrosion-resistant path for fluids or air vacuum.

For more information

Please contact our channel components specialists at **970-244-1165** or send an e-mail to: gjsales@coorstek.com

High-Purity

Robotic manufacturing environments benefit from our available high-purity alumina ADS-995-R material.

Fluid Cooling or Heating

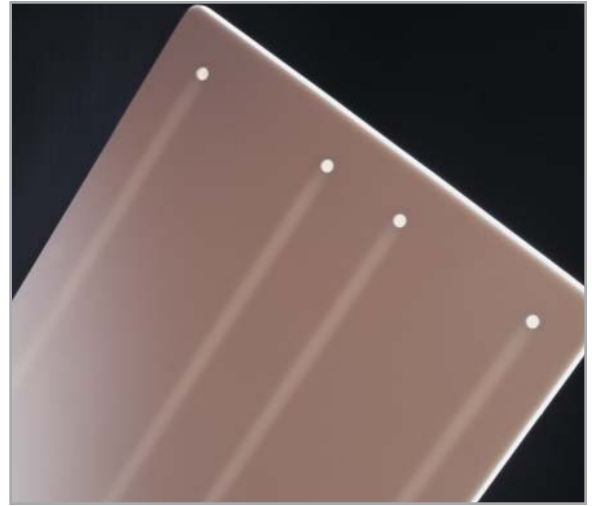
Critical fluid cooling or heating applications use these components for rapid thermal dissipation.

Biocompatible Material

For medical applications, our materials are USP Class VI certified.

Extremely Durable

Excellent surface wear, high-strength, and fracture toughness ensure these specialized components stand the test of time.



Specifications	
Sizes	Smallest length or width - To be determined by overall part thickness
	Largest length or width - To be determined by overall part thickness
Thickness of layers	Any combination of layers 0.015" to 0.060"
	Any combinations of layers 0.065" to 0.100"
Channel Width	0.010" to 0.150"
Channel Depth	unlimited
Channel location tolerance	± 1% Standard
	± 0.5% Premium
Channel spacing	0.150" minimum gap
Material	ADS-96-R (Nom. 96% Al ₂ O ₃) – Standard
	ADS-995-R (Nom. 99.5% Al ₂ O ₃) – Premium
As-fired camber	0.003" inch per inch – Standard
	0.001" inch per inch – Premium
Holes and counterbores	Optional
Tooling	Required
Biocompatibility	USP Class VI Certified

Note: The chart is intended to illustrate typical properties. Engineering data is representative. Property values vary somewhat with method of manufacture, size, and shape of part. This data is not to be construed as absolute and does not constitute a warranty for which we assume legal responsibility.

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