VOLTFEND

Aerogel Thermal Barrier

Component Specification Example | VF-SP-AER-001 | Revision 1 | 12 October 2026

This example shows the construction inputs we review for a custom component. It is not a measured material TDS or an approved part specification. Final values require the selected grade, drawing, test method and condition.

Item	Specification / option	Confirmation required
Component options	Encapsulated pad, felt, paper or framed construction	Availability confirmed for exact material and geometry
Intended position	Between cells or at a defined thermal interface	Cell format, gap, edge coverage and vent direction supplied by customer
Facing and edges	Encapsulation / edge treatment specified to drawing	Grade, adhesive and edge process confirmed before quotation
Thickness	Selected for the available gap	Nominal and compressed thickness confirmed on the approved specification
Thermal data	Selected-grade TDS and relevant test report requested	Method, temperature, thickness, direction and exposure duration required
Battery validation	Customer cell/module/pack test program	This example provides no verified propagation or fire-test result

Source basis: factory product profile and supplied component catalog. This document makes no customer installation, certified part or battery test-result claim.

Samples and ordering

VF-SP-AER-001 | Commercial information confirmed by VOLTFEND sales

Item	Specification / option	Confirmation required
Drawing	Customer drawing and revision required	Dimensions, tolerances and cutouts agreed before sampling
Minimum order	No MOQ in principle	Material purchasing quantities and tooling quoted separately where applicable
Sample turnaround	Within 7 days	After drawing, material and sample requirements are confirmed; special procurement checked before order
Sample fee	Charged by batch	Sample batch and freight quoted before proceeding
Production lead time	Confirmed in quotation	Depends on selected material, quantity and approved drawing
Inspection	Drawing-specific dimensional and visual checks	Inspection items and acceptance criteria agreed with customer

Material TDS and sample review

Send the component drawing, intended material grade and operating conditions. We confirm available supplier TDS, construction details and the applicable inspection or test documents before your sample order.

Payment method, currency, production schedule, freight and delivery terms are confirmed in the sales quotation and pro forma invoice.

Leo Lam | WhatsApp / Mobile: +86 131 4496 9279

Manufacturing: Xiamen, Fujian, China. Sales: Dongguan, Guangdong, China.