



UL 94 V-0 Low Flammability Battery Terminal Covers

Clear Battery Terminal Covers



The UL 94 V-0 Battery Terminal Cover is a flame-resistant, UV-stabilized, transparent product designed for shock protection. It carries a UL 94 V-0 flame rating and meets FAR 25.853 (a)(1)(i) requirements at thicknesses of 0.080" and greater. The material provides high impact strength, excellent dimensional stability, strong heat resistance, and exceptional clarity.



General Specifications

Produced in 4' length clear polycarbonate in .080" thickness allowing users to see battery terminals without removing the covers.
Flammability Ratings: Meets UL 94 V-0

BTC Options:

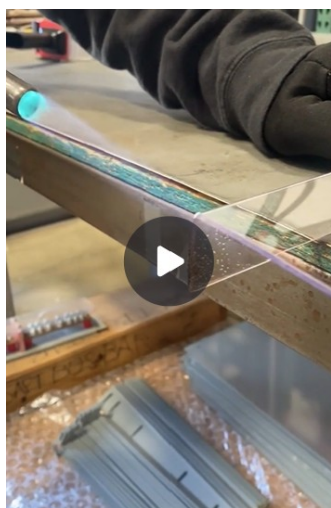
UL 94 V-0	UL 94 V-0 with Holes	UL 94 V-0 with Holes & Notches	Inside Width	Inside Height	Outside Width	Outside Height
BTC-1-4-V-0	BTC-1-4-V-0-H	BTC-1-4-V-0-N	2.73"	2.13"	3.05"	2.30"
BTC-4-4-V-0	BTC-4-4-V-0-H	BTC 4-4-V-0-N	2.92"	3.83"	3.24"	4.00"
BTC-5-4-V-0	BTC 5-4-V-0-H	BTC 5-4-V-0-N	3.93"	3.92"	4.25"	4.09"
BTC-6-4-V-0*	BTC 6-4-V-0-H*	BTC-6-4-V-0-N*	2.86"	2.84"	3.06"	2.98"

*Non-stocked item requires additional lead time.

Also available in custom sizes and configurations.

Ships with protective removable film.

Note: Size verification using a product sample and customer verification is required prior to order acceptance.



[Click here to view BTC flame test](#)

TYPICAL PROPERTIES*

Property	Test Method	Units	Values
THERMAL			
Coefficient of Thermal Expansion	ASTM D696	in/in/°F	3.75 x 10 ⁻⁵
Heat Deflection Temperature @ 264 psi	ASTM D648	°F	270
Heat Deflection Temperature @ 66 psi	ASTM D648	°F	280
FLAMMABILITY			
Ignition Temperature, Self	ASTM D1929	°F	950
Ignition Temperature, Flash	ASTM D1929	°F	842
Flame Class @ 0.080"	UL 94	-	V-0
FAA Flammability	FAR 25.853		
@ 0.080" - 0.250"	Part 1, a (i) - 60 sec	-	Pass
@ 0.080" - 0.250"	Part 1, a (ii) - 12 sec	-	Pass

*Typical properties are not intended for specification purposes.

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