

ProCell™ 800 EV Firewall

ProCell 800 EV Firewall is a flexible aluminum foil backed with a glass cloth. The tape has excellent flexibility which allows for conformability to curved surfaces. The product is supplied on a clear, easy-to-remove liner.

Features & Benefits:

- Excellent reflective and conductive characteristics
- Strong adhesion at high temperatures

Application:

- Delays thermal runaway in electric vehicle battery packs

PROPERTY	TEST METHOD	DATA RANGE	TYPICAL VALUE*
PHYSICAL			
Thickness, mm (inches)		0.180 ± 0.028 (0.0071 ± 0.0011)	---
Adhesive System		---	Silicone
Adhesion, g/cm	ASTM-D 1000	480 - 893	703
Density, g/cm ³		---	1.41
Thermal Conductivity, W/m*K	Internal, ASTM-C 518 @ 23°C (73°F)	---	1.36
Heat Capacity, J/g*C	Internal, ASTM-E 1269		1.1
PRODUCT DIMENSIONS			
	METRIC	ENGLISH	
Width mm, inches	6.35 - 660	0.25 - 26	
Core Diameter mm, inches	76	3	
Roll Length m, yards	33	36	

*Typical values shown are from testing at date of manufacture and should not be used for specification limits.

- Additional technical information and product specifications are available upon request.

- Shelf life is 1 year from the date of manufacture with storage conditions of 21°C (70°F) and 50% RH.