

ProCell™ PCL-801 EV Firewall

ProCell PCL-801 EV Firewall is a flexible aluminum foil backed with a glass cloth. The tape has excellent flexibility which allows for conformability to curved surfaces. PCL-801 carries approval for the ASTM-E595-07 outgassing test. The product is supplied on blue poly liner.

Features & Benefits:

- Excellent reflective and conductive characteristics
- Strong adhesion at high temperatures
- Silicone-free alternative

Application:

- Delays thermal runaway in electric vehicle battery packs

PROPERTY	TEST METHOD	DATA RANGE	TYPICAL VALUE*
PHYSICAL			
Backing Material		---	Aluminum Foil/Glass Fabric
Backing Thickness, mm (inches)		0.076 - 01.06 (0.003 - 0.0042)	---
Adhesive System		---	Acrylic
Adhesive Thickness, mm (inches)		0.076 - 01.02 (0.003 - 0.004)	---
Adhesion, g/cm (oz./in)	ASTM-D 1000	603 - 804 (54-72)	714 (64)
Density, g/cm ³		---	1.4
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
Outgas Test	ASTM-E 595-07		Approved
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 one year from the date of manufacture with storage conditions of 21°C (70°F) and 50% RH.

- All metric conversions are approximate.