



www.marianinc.com
1-800-773-0062

ProCell™
EV FIREWALL

ProCell™ PCL-800 EV Firewall

ProCell PCL-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.

Application:

Features & Benefits:

- Excellent reflective and conductive characteristics
- Strong adhesion at high temperatures
- 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		---	Silicone
Adhesive Thickness, mm (inches)		0.076 - 01.02 (0.003 - 0.004)	---
Adhesion, g/cm (oz./in)	ASTM-D 1000	480 - 893 (43-80)	703 (63)
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

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.