Nomex® SafePak™

Battery Pack Solutions

High temperature flame barrier for battery pack flame protection

Benefits

High temperature flame barrier for top lid and battery pack protection

Good direct flame resistance

Good thermal insulation, even at high temperatures

Flame Retardant UL94-V0

Electrically insulating with high breakdown voltage

Thickness can be tailored (Min 1.3mm)

Easy to install with thin and flexible form

2D and 3D forms possible
Nomex® SafePak™
Battery Pack Solutions

Material validation test

No burn through in battery burn test
NCM523, 6cells. Prismatic, 153Ah/cell, >95% SOC
Triggered by 1000W rapid heating
0.6mm steel top lid

1500˚C flame testing
After 30 minutes direct flame (flame side)