

Flame Retardant Film for Thermal Control

Product Overview



Thermal management for Electric Vehicles

Thermal Runaway of Li-ion batteries is a critical topic in the Electric Vehicles industry. It can produce flammable gases and lead to fire and explosion. Thermal management is key to optimal battery performance.

Avery Dennison Hanita's flame retardant solutions can be used for various applications in different areas of the battery (for example in tapes, encapsulation of insulation) to slow the Thermal Runaway propagation process.

Benefits

- UL flame retardancy equivalent to UL 94-VTM – 0
- REACH/RoHS compliant
- Ecologically sound - halogen, heavy metal, PBB and PBDE free
- FR consistent performance for thin films
- Wide variety of options (thicknesses, appearances, colors)
- Ability to provide various adhesion-promoting treatments, either Heat Activated Adhesive or Sealing layer, if required

Films offered

White, clear and metallized 12/23 micron PET film, coated on one or both sides with FR coating.

About Avery Dennison

Avery Dennison Corporation (NYSE: AVY) is a global materials science company specializing in the design and manufacture of a wide variety of labeling and functional materials. The company's products and solutions, which are used in nearly every major industry, include pressure-sensitive materials for labels and graphic applications; tapes and other bonding solutions for industrial, medical, and retail applications; tags, labels and embellishments for apparel; and radio frequency identification (RFID) solutions serving retail apparel and other markets. The company employs approximately 36,000 employees in more than 50 countries. Reported sales in 2021 were \$8.4 billion. Learn more at www.averydennison.com.

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