



Inspired Brands.
Intelligent World.™

keep d[🔥]anger at bay

Flame retardant labeling
solutions for electronics



warning

POTENTIAL CAUSES OF FIRE

- ▲ overcharging batteries
- ▲ ignoring battery leakages
- ▲ allowing batteries to overheat

ATTENTION!

Serve and Protect

Electronic technology has become an inseparable part of our lives.

The biggest players in the industry are helping people move faster, work quicker and do more – wirelessly. Automobiles, aircraft and millions of mobile devices rely on rechargeable lithium batteries to help them operate on the move. While convenient, these batteries present a risk of fire when overused.

Serve your products responsibly with Avery Dennison's range of flame retardant labeling solutions.

Take the heat out of electronic fires



Reduce the threat of battery fire with Avery Dennison's flame retardant labels designed to retard fire without releasing toxic halogens¹.



thin

The thin adhesive film ensures a negligible increase in size of batteries and components – ensuring a factory-perfect fit every time.

1 HALOGENS:

9 F	17 Cl	35 Br	53 I	85 At
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Halogens are corrosive and highly toxic, and are therefore harmful or lethal to humans in sufficient quantities.



Features

1 improved resistance to extreme temperatures

Resistance to extreme temperatures from -40 to 260°C

2 halogen-free

Does not release toxic halogen fumes, an advantage of Avery Dennison's products

3 does not drip

Does not drip when burning, reducing the risk of igniting nearby objects

4 non-conductive flame resistant

Electrically non-conductive, and highly compatible with printing processes

Common Applications

①



where fire safety is critical

②



lithium polymer batteries

mobile devices, tablet PCs, laptops and other consumer electronic products

③



automobiles and aircraft

automotive transformers, engines and motors

Avery Dennison Product Portfolio

Description				End use market			
Facestock	Adhesives	Liner	Facestock Thickness(um)	Domestic Application	Automotive	IT/Peripherals	Consumer Electronics
38um black PI TCY	S8086	30um PET	38um	●	●	●	●
25um black PI TCY	S8088	80g Glassine	25um		●	●	●
15um black PI TCY	S8088	80g Glassine	15um		●	●	●
38um matt black PI TC	DS017	30um PET	38um	●	●	●	●
50um yellow PI	DS017	30um PET	50um		●	●	●
25um yellow PI	DS017	30um PET	25um		●	●	●
12.5um yellow PI	DS017	30um PET	12.5um		●	●	●
50um white PET	S8025	80g Glassine	50um		●	●	●
50um black PET	FR100	80g Glassine	50um		●	●	●
36um black PET	FR100	80g Glassine	36um		●	●	●
36um white PET	FR100	80g Glassine	36um		●	●	●
36um clear PET	FR100	80g Glassine	36um		●	●	●

Safety Comes First

Reduce fire risk with Avery Dennison's innovative flame retardant labeling solutions.

Get in touch with our representative today.

Applications				Compliance		
Application	Service Temperature	Auto-dispensing	Manual Dispensing	UL 94 Flammability Level	Halogen free	RoHS
Sealing label, Wrapping label	-40°C to 260°C	●	●	Total VTM-0	●	●
Sealing label, Wrapping label	-40°C to 260°C		●	Facestock VTM-0	●	●
Sealing label, Wrapping label	-40°C to 260°C		●	Facestock VTM-0	●	●
Sealing label, Wrapping label	-40°C to 260°C	●	●	Facestock VTM-0	●	●
Sealing label, Wrapping label	-40°C to 260°C	●	●	Facestock VTM-0	●	●
Sealing label, Wrapping label	-40°C to 260°C		●	Facestock VTM-0	●	●
Sealing label, Wrapping label	-40°C to 260°C		●	Facestock VTM-0	●	●
Wrapping label	-40°C to 149°C	●	●	Facestock VTM-0	●	●
Wrapping label	-40°C to 149°C	●	●	Facestock VTM-0	●	●
Wrapping label	-40°C to 149°C		●	Facestock VTM-0	●	●
Wrapping label	-40°C to 149°C		●	Facestock VTM-0	●	●
Wrapping label	-40°C to 149°C		●	Facestock VTM-0	●	●

About Avery Dennison

Avery Dennison (NYSE:AVY) helps make brands more inspiring and the world more intelligent. The company is a global leader in pressure-sensitive technology and materials and retail branding and information solutions. A FORTUNE 500® company with sales of \$6 billion from continuing operations in 2011, Avery Dennison is based in Pasadena, California and has employees in over 60 countries. For more information, **visit www.averydennison.com**.

To learn more about solutions that match your specific business and material needs, please contact us at **durablesteam@averydennison.com**.

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