

How to identify a lithium battery?

Each package must be marked with UN Number, Proper Shipping name & class 9 lithium battery label model no. 9A Each package must be marked with lithium battery mark as below The mark shall indicate the UN number, preceded by the letters "UN", i.e. 'UN 3090' for lithium metal cells or batteries or 'UN 3480' for lithium ion cells or batteries.

Do I need a lithium battery Mark?

The Model Regulations require the lithium battery mark in section 5.2.1.9 and shown below to be placed on nearly all packages containing small lithium ion and lithium metal cells and batteries when shipped in accordance with Special Provision 188.

What is a lithium ion battery Mark?

The mark is also widely used on packages of consumer electronic devices such as cellular phones, notebooks, tablets, and power tools that are packed with or contain lithium ion batteries.

Are there new marks & labels for lithium batteries?

Yes, there are new marks and labels for lithium batteries. These new communications were added to all the different sets of regulations (whether DOT, IATA, or IMDG) at the start of 2017. The rulemaking gave a two-year transition period to start using the new marks and labels.

What are the dimensions of a lithium battery Mark?

Section 5.2.1.9 requires the dimensions of the lithium battery mark to be a minimum 120 mm wide and 110 mm high unless the "the package size so requires, the dimensions/line thickness may be reduced to not less than 105 mm wide and 74 mm high."

How do I know if a lithium battery has a UN number?

Where the lithium cells or batteries are contained in, or packed with, equipment, the UN number preceded by the letters "UN", i.e. 'UN 3091' or 'UN 3481' as appropriate shall be indicated. Where a package contains lithium cells or batteries assigned to different UN numbers, all applicable UN numbers shall be indicated on one or more marks.

Learn to read lithium battery labels. Understand key details like voltage, capacity, and safety warnings for safe and efficient battery use.

The UN3090 Lithium Battery Handling Mark at Labeline - designed to highlight the presence of lithium metal batteries, helping to alert handlers to specific handling and transport protocols. Compliant with international regulations, this ...

Lithium-ion battery application scenarios in the actual use process are complex and varied, and many scenarios, including car-collision fire and explosions, fire and explosion in energy storage power plants, industrial applications, such as accidental explosions, and other fire and explosion hazardous environments are the most risky scenarios for the use of lithium-ion ...

2023 LITHIUM BATTERY SHIPPING GUIDE . JANUARY 1, 2023 . The following guide provides a summary of marking, labeling and paperwork requirements for shipping lithium batteries via domestic US ground (49 CFR 171-180 in effect 1-Jan-2023), international air (2023 IATA DGR, 64th Edition) and international

LITHIUM ION BATTERIES UN3480 . 1. Identification of Product and Company Product Name: LITHIUM - ION BATTERY Other names: LFP, LiFePO: 4 ... this reason, when coming into contact with batteries with a conspicuous appearance (leaking substances, deformed, discoloured, dented or the like), adequate PPE and breathprotection is required. ing Lithium ...

A Geniune Pyronix CR34615 3 volt lithium battery for the mk 1 wireless enforcer deltabell alarm bell ... would that be a Mark 1 and use this battery or the mark 2 and need your ES1 battery please? ... Unfortunately it is very difficult for us to ...

For lithium batteries, this mark may include warnings about not dropping the package, avoiding exposure to extreme temperatures, and ensuring proper ventilation. 6. Lithium Battery Mark. The lithium battery mark is a symbol that indicates the presence of ...

2024 Lithium Batteries Regulations: Battery Types. Step 1 - What type of battery are you shipping? Tip: Click the below buttons to get more details on each type of batteries. Lithium ion batteries or cells . are rechargeable (secondary) lithium ion or lithium polymer cells or batteries. These are very commonly found in portable consumer

Lithium ion batteries packed by themselves (Packing Instruction 965 - not contained in or packed with equipment): a. must be shipped at a state of charge (SoC) not exceeding 30% of their rated capacity. Cells and/or batteries at a SoC of greater than 30% may only be shipped with the approval of the State

Such is the case in 2023 for small (excepted) lithium batteries (LB). As most lithium battery shippers are aware, it is a general requirement for small (excepted) lithium ion batteries with a power rating of not more than 100 ...

UN3480 Lithium Battery Handling Mark (Small package) - Code LITH3480/SM Self Adhesive, Polypropylene Labels with easy-peel backing - 114x75mm Text in the DG regulations for lithium battery mark in the 2022 edition may continue to ...

This Pre-Printed 111x126 Lithium Battery Mark Label meets all IATA (International Air Transport

Association) standards, with 500 labels per roll, on a 76mm core. As a premium custom label product made in Australia, you can ...

The UN3481 Lithium Battery Mark comes as a self-adhesive label, 500 UN3481 labels per roll. Dimensions (in mm): 100mm x 100mm as per requirement for dangerous goods transport for air, sea and road.

1.1 New exception for data loggers and cargo-tracking devices with installed lithium batteries (cont"d) A new General exception (Paragraph 1.1.5.1 i) of Part 1) has been added - Data loggers and cargo tracking devices with installed lithium batteries, attached to or placed in packages, overpacks or unit load devices are not subject to any

Lithium Battery Mark - 100x100mm, Gloss Paper Label, Custom, 500/roll; Lithium Battery Mark - 100x100mm, Gloss Paper Label, Custom, 500/roll \$ 74.79. Label Size: 100 x 100 mm (4"x4") | Labels per Roll: 500 Choose UN3090, UN3091, UN3480, or UN3481 and provide telephone number (optional for IATA)

The lithium battery mark may be printed directly on the outer packaging provided that there is sufficient contrast between the elements of the lithium battery mark and the colour of the ...

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