Freeze Watch

by Dainard Jackson

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Many industrial and pharmaceutical products can be irreparably damaged if exposed to freezing temperatures below 0ÂºC / 32F. Protection using appropriate gel packs and foam within expanded foam boxes can minimize the opportunity for the cold temperatures to damage items, but in some cases there is no way of telling when the damage has occurred until the consignment reaches the end user. When temperature abuse has been identified, it is important to then pin-point the time and place it occurs, implementing visual checks at various points so that proper training and protection measures can be taken. In a long shipment that might trans-ship through several destinations, this can mean that a package can pass though many different facilities â€“ identifying the one that needs attention can be a challenge.

The 3M Freeze Watch can take the headache out of identifying cold temperature abuse in shipping. It can be placed on the outside of a package to allow for regular visual checks to ensure safe handling or can be placed inside a package for covert monitoring that can be checked at destination. It is a safe, reliable, glass-free indicator that reacts to descending temperature. Simply remove the backing strip from the indicator and apply to a clean dry surface. Exposure to temperatures of 0ÂºC / 32F or below lead to a very strong color change reaction that is easy to see and interpret. The indicator contains a small phial of colored liquid that is mounted on a tissue backing. Once the temperature drops, the phial fractures and the colored liquid leaks out onto the tissue backing. All this is within a sealed capsule to ensure no contamination or damage of the item to which the indicator is applied. As a product it takes some beating! We're proud to offer 3M products and have many satisfied customers.

Here at Temperature Indicators we've spent over 25 years identifying and supplying a comprehensive range of visual indicators that react to changes in environmental conditions. We only stock items that we can say work â€“ with absolute confidence â€“ and that have been tested in the field over many years with many customers. If isn't reliable and accurate, we won't sell it. Our reputation is worth more than selling a cheap product for a fast profit. We have customers who have been coming back for 25 years and we want to keep it that way! Our entire range of products is made in the United States and United Kingdom, in facilities with externally validated and controlled quality systems. We charge very competitive prices that are lower than the competition and can advise you on your particular application, sometimes pointing out any potential issues and giving guidance on suitable products. We've been a family business since we started and whilst every application is different, we have a lot of experience in how our products can be used to give the right results.

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