



## Battery Pack Low Voltage Protection Membrane

These are related to the Battery Pack Low Voltage Protection Membrane news, in which you can learn about the updated information in Battery Pack Low Voltage Protection Membrane, to help you better understand and expand Battery Pack Low Voltage Protection Membrane market. Because the market for Battery Pack Low Voltage Protection Membrane is evolving and changing, so we recommend that you collect our website, and we

will show you the latest news on a regular basis.

### Product Description

The Battery Pack Low Voltage Protection Membrane integrates the three most important protection functions into one and requires fewer parts and assembly operations than current burst solutions using traditional breathable methods. Xin acura battery pack low voltage protection products supporting the use of lighter materials, can effectively manage overvoltage event, at the same time can continue to provide a reliable protection, power battery pack to realize flexible design in the future.

Supports very low opening pressure and has a recoverable bypass function. Flexible waterproof and breathable membranes support opening pressures of less than 2.5kPa, allowing battery packs to be designed with lighter, simpler materials. The bypass function allows the permeable film to expand and release the overpressure and return to its original state under both normal and harsh operating conditions.

Battery Pack Low Voltage Protection Membrane protects battery parts from the invasion of environmental contaminants such as water, vehicle liquids, dirt and dust. The flexible breathable membrane with bypass function manages the overpressure related to thermal runaway of a single battery or module, and timely discharge toxic gases.

And alleviate the overpressure caused by the thermal runaway of a single battery or module, maintain recoverable, after the thermal runaway continues to protect the battery parts from the invasion of external dirt, so as to avoid the deterioration of the situation as far as possible, prevent the occurrence of heat diffusion.

In the event of heat diffusion and a dramatic increase in temperature and pressure, the low-pressure balanced breathable product effectively exhausts the gas, allowing the driver and

passengers to exit the vehicle quickly and away from toxic gases. Provides critical protection against water, dirt and dust intrusion.