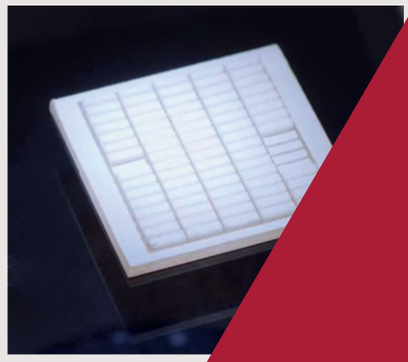
Find out more

PRODUCTS FOR BATTERY

Insulation Materials for Battery Pack and Cell



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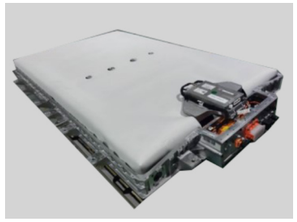
GODZILLA MK Series

A fireproof material made out of silicone rubber and glass fabrics.

Applications

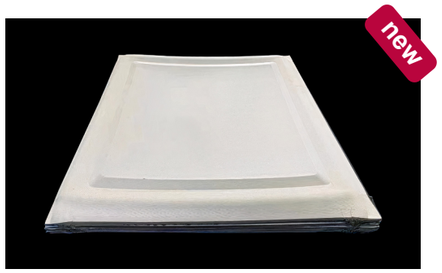
» Battery modules and cells



Features

» Heat insulation/fire prevention/impact resistance between modules and electric cores
» Withstand the flame of 1.000 °C and above
» Extremely high impact strength
» Vibration control function
» Cost advantage

Hot-Pressing MK-320



Feature

» Formable to fit to your specification

Silicone Rubber Seal

Sealing part made of heat-resistant type silicone rubber.

Application

» Installed in the battery modules and used for sealing

Features

» Good heat resistance performance
» Excellent mechanical properties

Aerogel Insulation Chip

Aerogel is a solid naoporous material with three dimensional network structure, which is composed of nanoparticles or polymer molecules. It has lowest density and thermal conductivity in the world.

Application

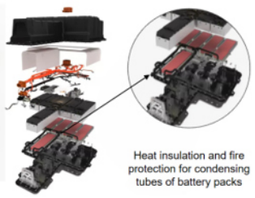
» Used between battery cells

Features

» Very low thermal conductivity, better than traditional insulation materials
» Lighter, thinner, smaller
» Flexible material, easy to assemble
» Waterproof, moisture-proof, good hydrophobicity
» Fire resistance, special at high temperature
» Strong compression ability, tensile strength >1.5 MPa
» Safe to use, green and environmentally friendly
» Lifetime up to 20 years

Fireproof Water Pipe Cover

A fire-resistant ceramic silicone rubber material.



Application

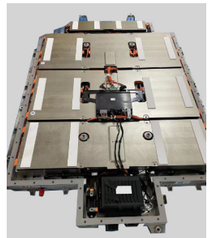
» Heat insulation and fire protection for condensing tubes of battery packs

Features

» Durability
» High strength and withstand a certain impact force to ensure the normal work of then products in the case of fire
» Heat insulation
» Fire protection

Silicone Rubber Foam

Medium stress organic foam silicone material with low density and excellent resistance to compression and permanent deformation.



Application

» Waterproof sealing

Features

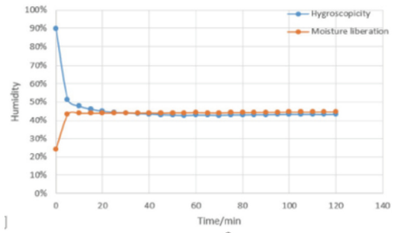
» Excellent flame retardancy and fire resistance
» Excellent compression deformation and creep resistance
» Excellent heat and cold resistance, sustainable operation from -55 °C to 200 °C
» Good insulation, green and environmentally friendly

HCCF

Humidity Condensation Control Fiber is a high efficiency anti-fog control material.

Applications

» Installed in the battery pack to maintain the appropriate humidity
» Can be also used in the electric box and camera lens.



Features

» Effectively control the humidity
» Inhibit condensation and fogging