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Rubber engineering series products are widely used in daily life. Similarly, our rubber engineering products are also divided into several parts. First of all, we offer bridge bearing products. These products are jointly developed by our R & D department and the University of Science and Technology of China Engineering Laboratory and our new bridge bearing products have increased the carrying capacity of the same products developed by other companies by 40%. At present, our product has been widely used in many domestic bridge products, our feedback is very good.

Secondly, we have developed rubber rail pads with University of Science and Technology of China, and we have applied the latest formulation to this product and proved the comprehensive performance of the product through numerous experiments. At present, the high-speed rail route map of China, the Beijing Shanghai line and the Beijing Guangzhou railway line use a lot of our latest rubber rail pads products.

Of course, the application range of our packing engineering products is more extensive, such as the parking lot, the hospital, the government, the park and so on, it's inseparable from this series of products. The design of this kind of products is simple and difficult to produce, but the disadvantage is that such simple products cannot make good use of parking space, and the real effective parking area is low. To this end, we are developing new intelligent parking management system, through the use of intelligent systems and artificial AI to better reduce idle space and improve the effective use of the site.

Compared with other companies, what we do is earnest and honesty. We don't sell low-quality products to any customers, which is our commitment to our customers.

If you have any questions, please feel free to contact us. We will be happy to serve you. You can also give us a message on the official website, or send us mail, we will reply to you within 24 hours.

Rubber Bearing

[High damping rubber bearing](#) is added in natural rubber compounding agent, used to improve the damping capacity of the rubber, and then use this with a damping effect of rubber composition and ordinary rubber bearing structure similar to a steel plate and rubber vulcanized by thermal laminated products. This product has good isolation performance and wide range of application. It is a new type of bridge and house construction products with higher cost performance.

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Rubber Bearing Features

- vertical bearing capacity, horizontal restoring force, and damping (energy absorption) Trinity;
- the hysteretic characteristic of support (load-deformation curve) is full and the energy consumption is remarkable;
- rubber formula improved, the equivalent damping ratio of more than 12%;
- maintenance management cost is low (without other damping devices);
- earthquakes, the residual deformation is very small and needs no replacement;
- high damping bearing surface covered with rubber protective layer, protect the internal rubber from ozone, ultraviolet light influence, have better aging resistance, 50 years equivalent damping ratio is less than 2%;
- HDR high damping rubber has low-temperature dependence and is widely used in different climatic regions;
- HDR high damping rubber, like natural rubber, has superior creep properties;
- environmental protection without pollution.

Rubber Bearing Design Principle

Vertical bearing capacity: through the steel plate to provide stable and reliable vertical bearing capacity, to ensure the daily use of safe and reliable buildings.

The level of stress, with high strength using natural rubber, the steel plate bonding reliability, the horizontal direction in daily vibration, wind load and earthquake giant shock wave impact, will not guarantee the building because of the sudden internal damage caused by the failure.

Isolation design theory: the damping formula performance special consumption transfer in the earthquake vibration energy level, when the earthquake strikes on buildings it provide support vertical. horizontal direction will not transfer energy to all buildings. In reciprocating vibration seismic wave



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action energy is converted into heat consumed, greatly reduce the level of the earthquake force of the wave structure under bad effect, thus reducing the earthquake damage to the building capacity.