

Development of Products and Services that Contribute to the Environment and Society

MB business

We provide backing support for the lives of people through MB business products

MB products

We offer a variety of products that support social infrastructure.



"Versatran" high pressure hose

High pressure hoses are essential for a wide variety of industrial equipment such as construction machinery and machine tools. The hoses have the characteristic of improving flexibility through the optimization of materials and keeping the bending radius to a minimum.

We plan to develop a lineup of spiral hose products that prioritize high pressure, high durability, quality, and performance, and to strengthen the overseas sales of high pressure hoses with a focus on the mid-range and above market overseas.



"AC6B 11" next-generation refrigerant hose

This is an air conditioning refrigerant hose that supports HFO-1234yf that has a low global warming coefficient. We succeeded in improving coolant resistance through patented plastic materials.

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Resin tailgate adhesives were developed through revolutionary primer-less technologies, and have contributed to a reduction in car body weight. As fuel efficiency is improved, they contribute to both the global environment and fuel cost reductions.



Marine hose and pneumatic fender

Yokohama Rubber has a global top class market share for pneumatic fenders and marine hoses, widely used in marine transport operations for crude oil. etc.

Since oil leaks can lead to major marine pollution, high reliability and durability have been essential for these products. In recent years, we have further improved the safety by introducing to the market our double carcass hoses with an oil leak detection feature.

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High-pressure hydrogen gas hoses "ibar HG82"

We have achieved lightness, flexibility, and also durability through a hybrid structure of patented fiber and steel wire. We are also actively engaged in the development of hoses to support the 87.5 MPa international standards.

Silicon encapsulating materials for LED

We have developed highly durable silicon encapsulating materials for high-brightness LED lighting, which have been applied in many areas close to daily life including offices and shopping malls. In addition, UV-resistance silicon encapsulating materials, developed through proprietary technologies for UV-LED that demand has grown for recently, have been adopted and applied in various fields, including sensors and cosmetics.



Technology development

We conduct various forms of R&D in pioneering technologies and materials development to respond to the needs of customers, and technology development to support next-generation social infrastructure.

"Tuftex α" conveyor belt

By carrying out a number of field trials, using a proprietary evaluation criteria, and making fine adjustments at the compound level, we were able to develop "Tuftex α " with an abrasion resistance of 64% better than our existing Ultra Wear Resistant (UWR) cover compound.





Business Partners Liaison Council

We endeavor to stably provide high-quality products by creating strong trust relationships with business partners.

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Service and business development

We have put in place global production, supply, and sales structure, and we also conduct activities aimed at improvements in terms of quality, technologies, and services.



Expansion of global production and sales structure

During the GD100 period, we have established sales and production bases in China (Shandong/Hangzhou), Italy, and Indonesia; sales bases in China (Shanghai), Singapore, and Europe (Dusseldorf); and a production base in Mexico in order to strengthen our global production and sales structure.