



●●● BGF RUBBER

Your ideas. Our flexible solutions.

Almost 100 years experience in rubber industry

One of the largest manufacturers of rubber compounds and rubber technical articles in the Baltic states with complete manufacturing cycle starting with R&D of rubber compound formulation and finishing with batch production.

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- Manufacturing of products take place on a modern production site and are based on the most advanced technologies and state-of-the-art equipment.
- The possibility to develop technical documentation (technical drafts of products and tools), in compliance with the requirements of clients.
- Ability to manufacture rubber technical products and profiles in compliance with the requests of clients by using drafts or provided samples.
- Reliable quality control.
- Creating of rubber compound formulations.
- Direct contacts with largest raw material suppliers.
- Qualified personnel with long-term work experience.
- Operational costs are lower in comparison with the average level in the EU countries.





BGF RUBBER manufacturing facilities are located on the territory of one of the largest industrial parks of Latvia, and all the infrastructure of this park does correspond to the contemporary requirements of manufacturing process organization. This industrial park conditions allow to set up an effective environmental management and improve environmental impact.

The Quality Management System which is in operation in the Company does correspond to the requirements of international quality standard ISO 9001 applicable for the manufacture of rubber compounds and rubber technical articles, it provides reliable quality control during all the stages of manufacturing process and as the result guarantees the high quality of execution of a customer's order.

BGF RUBBER implemented and maintains an energy management system ISO 50001. This specification requires use of an energy management system with a main purpose of using energy more efficiently.

Our specialists have already developed the range of "serial" formulations to be used in automotive, building, cable and other fields of industry and transportation. In the majority of cases only an insignificant modification of these "serial" formulations is required in order to bring the rubber compounds into compliance with the specific requirements of a client, which increases the speed of design works.

BGF RUBBER has more than 5 years positive experience in production under ISO/TIS 16949 for automotive industry.

RUBBER COMPOUNDS

BGF RUBBER offers rubber compounds in accordance to the requirements of a client. We can supply rubber compounds in the shape of endless strips from 40 mm to 200 mm in width and from 5 mm to 12 mm thick.

The choice of a packing form is made taking into account the requirements of a client.

Using wide range of highly qualitative raw and work materials our specialists promptly develop new and improve existing formulations of rubber compounds which is suitable for different operation conditions for rubber articles in accordance with the requirements of clients and European Standards. Database of the Company includes wide-ranging assortment of rubber compound formulations - more than 2000 formulations, based on the different types of rubber, such as NR, EPDM, SBR, NBR, HNBR, BR, IR, CR, FVMQ.

The production of rubber compounds based on silicon (Q), and fluoric (FKM) rubbers and applicable under "extreme" operation conditions is started.

The quality of compounds and ready-made products is examined in the modern equipped laboratory and using the Mooney viscosimeter, Rheometer TECH PRO, Zwick company's Tensiometer (tensile testing machine) and Abrasion Tester for testing of resistance to wear. The equipment of the laboratory ensures the stability of rubber compounds quality.



EXTRUSION

BGF RUBBER extruded products are manufactured on the basis of various rubber compounds and silicone rubber, of different type, hardness and colour range.

Extruded rubber products include cords, tubes and profiles of varying complexity from black and silicone rubbers. Products are made either by certain segments or supplied in continuous reels.

Extruded rubber products are used highly in the agricultural sector as well as in construction, energy, engineering, metallurgy and other industries. Every application is different – we can customize solutions specifically based on industry needs and client specifications.



MOULDED RUBBER TECHNICAL ARTICLES

BGF RUBBER moulded rubber technical articles are manufactured using compression and injection presses with the plates max. 800x800 mm in dimensions.

In the manufacturing process we use both the compression moulds provided by a client and our own set of compression moulds. We develop new products in accordance with the drawings or samples and in compliance with the specific requirements of a client. We also develop the drawings of compression moulds and place production orders at the manufacturers of compression moulds in accordance with the requirements of clients.

The greatest attention in the manufacturing of rubber technical articles is paid to the component parts, including parts for railway and public transportation, construction and engineering manufacture.



RUBBER RAIL PADS

BGF RUBBER has a great experience in manufacture of rubber rail pads for different types of fastening systems. The rubber rail pads are made according to specifications of the customers.

BGF RUBBER has a possibility to develop the rubber compounds, to manufacture a technological tooling, and also to conduct testing of articles both ourselves in own laboratory and with attracting of research and development institutes of Latvia.

Developed by BGF RUBBER rubber compound formulations allow to guarantee high physical and mechanical characteristics according to requirements of International Union of Railways (UIC).

In course of last 10 years railways in European and other countries are equipped with rubber rail pads designed and manufactured by BGF RUBBER.

