



Gorilla Tough for Industrial Solutions

It's so ugly *it's got to be good!*



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What do we mean by **ugly**?

All great companies can define what they do well. We offer parts large or small, black or colors, custom or standard utilizing compression, transfer and injection molding. We do it all, but these are not the things that separate us from the rest.

BIG – Valley Rubber can produce extremely large parts – over 15 times larger than your average rubber molder. Can we mold small parts? Yes! If we can manage a part that is over 100 square feet and weighs thousands of pounds, then handling a small part that weighs a few ounces is not a problem.

BLACK – It was Henry Ford who said you could have any color - so long as it's black when referring to the Model T. We echo his statement. For tremendous tensile strength and abrasion resistance, the best additive for rubber is a high-grade carbon black. Hence the name, the rubber comes out black. Can we mold colors? Yes, we create the right rubber compound for the application.

UGLY – We manufacture parts that are dimensionally correct and functionally superior, but let's face it; you will probably never see one of our parts hanging on the wall of the Metropolitan Museum of Art as you will never see a gorilla win the Miss America Pageant. We address Ugly applications with parts that are Gorilla Tough. There is nothing cute about it.

Why Rubber?

In 1770 an English chemist, Joseph Priestly, gave the name "rubber" to the raw material when he discovered it would "rub off" pencil marks. Since that time many advancements in the use of natural rubber and the development of synthetic rubber material allows it to resist heat, fire, moisture, oils, cold weather, sunlight, ozone, material build-up and more. In the right application, rubber is more durable and lighter than hard steel, plus it's highly customizable.

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Rubber Molder to Tough Industries



Customization is Key- Valley Rubber can create gorilla sized custom rubber parts in most any size or shape with press dimensions up to 7 feet wide by 20 feet long. Often it is cost prohibitive to build a machined mold for just a few parts. We take a creative approach to manufacturing that will reduce or eliminate the need for expensive molds in many situations. It is common for us to make 1 or 2 parts to fill a customer's need. We also have tool building services- from simple to complex.

Rubber Compounds- We offer highly specific compounds to solve highly specific problems or we can use your proven rubber compounds. Compounds include (but not limited to): High heat resistant Viton, SBR, Silicone, Neoprene, Nitrile, Natural Rubber, SCOF (Static Conductive), Proprietary, Non-stick Rubber, EPDM, Carboxylated Nitrile, and MSHA (Fire Resistant Rubber approved for underground mining applications).



Compression Molding – With more than forty presses, we can meet your volume requirements while offering unique capabilities for BIG parts – even parts that have a couple hundred square feet of surface area and that weigh thousands of pounds. Can we produce small parts? Absolutely!



Bonding Capabilities – We have extensive experience in bonding a wide variety of materials to rubber. Our bonding solutions have been put through very rigorous field and lab testing with outstanding results. We bond rubber to steel, aluminum, ceramic, UHMW-PE, fabric, magnets and more.



Fabrication Capabilities – As you would expect, we have a lot of equipment, including multiple mills, extruders, presses, cutters, blasters, paint booths and more. What you may not expect is we provide steel cutting, welding, fabrication, forming, rolling, punching, blasting, protective painting and more.

Products by Industry

Valley Rubber offers highly specific compounds to solve highly specific problems – no matter what tough challenges you face in your industry. With the variety of natural and synthetic rubber polymers we can formulate, the possibilities are almost limitless.



Mining & Aggregate – There's nothing dainty about your operation. Rock and materials can have punishing effects on your high-dollar machinery. Valley Rubber manufactures big, rugged parts that fit up and down the line – from haul truck liners to screening media – to increase your uptime and to improve your bottom line. Our customizable solutions work for dust control, weight reduction, noise suppression, ease of installation and corrosion resistance.



Power – When it comes to the power industry, safety is critical. We have the experience to produce parts that consistently meet the ridged safety standards of the industry. For example, choosing the right rubber compound for the application can literally mean the difference between life and death. Let the knowledge and experience of our technical team along with our certified rubber compounds give you the confidence you need to take your products to market.



Steel – Extremely high temperatures add yet another dimension of complexity and wear factors to products used in the steel industry. Valley Rubber's durable rubber solutions are key components in the process and machinery used to keep steel moving down the line.

Marine & Docks – The unrelenting power of water means every piece of equipment impacts safety and productivity. Valley Rubber custom formulates durable rubber solutions that meet your demands for products such as marine fenders; bumpers for tugs, ships and docks; and shock pads.



Offshore – The brutal power of nature takes its toll on every piece of equipment on offshore rigs. Valley Rubber gorilla-tough, custom-formulated rubber solutions for marine fenders, bumpers, shock pads, shock cells, and tension pads can stand up to the challenge.



Railroad – Nothing compares to the unique equipment needs of the rail industry. Valley Rubber's field-proven materials are custom manufactured for your tough environment and include: rail car linings, bumpers, bearing pads, rail seals, maintenance products, broom elements, cleaner plates, and screens.



Road & Bridge – Challenging conditions are the norm in road and bridge construction. Valley Rubber has experience in manufacturing expansion joints, seals, bearing pads, aggregate wear protection and much more.



Getting Started

Simply provide your representative with a drawing, part, or access to take measurements and we will use our team of experienced professionals to custom design a solution for you. We capture critical information on an Application Data Sheet and utilize our chemist, application specialist, technical planners and CAD department with 3-D capabilities to begin the process of building components that will maximize your benefits in terms of efficiency, ergonomics, ease of maintenance, and cost effectiveness – providing you with custom solutions!



Unique Solutions

Inflatable Liner Systems – These systems consist of custom-fit rubber liners that inflate and deflate with low-pressure air and are cost-effective solutions when installed in areas in which there is severe buildup as a result of high moisture content in the material. They provide extensive periods of maintenance-free service in areas that were previously high maintenance.



Magnetic Rubber Parts – Magnetic Patch Liners provide an on-the-spot fix to holes in chutes to keep your plant running safely and production going until a scheduled maintenance day. Custom applications are available.



Resistex Liners – A perforated metal plate is molded inside a rubber liner to create a sheet that can be formed by hand to fit your desired contour. In addition, these durable sheets are made in standard 4'X8' pieces, making it simple to cut and install the size you need in the field. Custom sizes are available.



Sheet Rubber – Natural Rubber sheeting sold in a variety of widths, thicknesses and colors.



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