



مطاط البحرين  
Bahrain Rubber



# Rubber Lining Corrosion & Abrasion Protection

# BRC

## Rubber Lining Service

Corrosion resistance rubber lining service is a type of protective coating applied to metals, concrete, or other substrates to prevent corrosion and other forms of a chemical attack. Bahrain Rubber Company provides this service and specializes in the manufacture, installation, and maintenance of rubber linings for a variety of industrial applications.

The rubber lining is typically made of synthetic rubber compounds that are highly resistant to acids, chemicals, and other corrosive substances. The rubber is applied to the surface of the substrate using specialized techniques to ensure a seamless and durable bond.

Bahrain Rubber Company provides corrosion resistance rubber lining services and typically works with a wide range of industries, including chemical processing, oil and gas, mining, water treatment, and power generation. We offer customized solutions to meet the specific needs of our clients, including the design and fabrication of rubber-lined tanks, pipes, and other equipment.

In addition to installation, we also offer maintenance and repair services for rubber linings, including inspections, cleaning, and patching of damaged areas.

## Application Area

- **Chemicals and Pharmaceuticals:**

Chemical resistant rubber linings for rubber lined tanks, process vessels, pipes, valves, pumps, filters, mixers and agitators, centrifuges, fan casings and impellers etc.

- **Water and Waste Treatment Plant:**

Chemical resistant rubber linings for rubber lined vessels, pipes, chemical dosing tanks, valves, pumps, flow meters etc.

- **Waste Treatment, Recycling and Reclamation:**

Wear resistant rubber linings for rubber lined chutes, ducts, pipes and hoppers. Chemical resistant rubber linings for rubber lined treatment tanks and holding tanks.

- **Storage and Transportation of Chemicals:**

Chemical resistant rubber lining and coating for mobile tanks and containers for road and rails.

- **Mining, Quarrying, and Aggregates:**

Abrasion resistant rubber linings for rubber lined pipes, sand washing plant, hoppers, chutes, cyclones, separators, trummels etc.

- **Food and Beverages including Brewing:**

Food quality rubber linings for rubber lined hoppers, chutes, process vessels, coating pans, pipes, mixers, agitators etc.

- **Dredging Industry:**

River and Sea Dredgers with Rubber Dredging Hoses for Suction and Delivery.

- **Power Generation:**

Corrosion resistant rubber linings for rubber lined water treatment plant, chemical storage tanks, and cooling pipe work.



# TYPES OF Rubber Lining

There are several types of rubber lining that are commonly used for corrosion resistance and chemical protection:

- **Natural Rubber Lining:** Natural rubber lining is made from natural rubber and is commonly used in applications where there is exposure to mild acids, alkalis, and salt solutions.
- **Butyl Rubber Lining:** Butyl rubber lining is a synthetic rubber that is highly resistant to water, steam, and chemicals. It is commonly used in applications where there is exposure to strong acids, alkalis, and solvents.
- **EPDM Rubber Lining:** EPDM rubber lining is made from a synthetic rubber compound that is highly resistant to weathering, ozone, and UV radiation. It is used in outdoor applications where there is exposure to sunlight and weather.
- **Neoprene Rubber Lining:** Neoprene rubber lining is a synthetic rubber that is highly resistant to oils, chemicals, and abrasion. It is commonly used in applications where there is exposure to fuels, oils, and hydraulic fluids.
- **Hypalon Rubber Lining:** Hypalon rubber lining is a synthetic rubber that is highly resistant to chemicals, UV radiation, and abrasion. It is commonly used in applications where there is exposure to concentrated acids and alkalis.



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## Rubber Lining Projects

1. Internal Lining of Tanks - Sitra Station - Bahrain
2. Sea Water Discharge Pump & Valve Lining - Ministry of Electricity & Water - Bahrain
3. Rubber Lining of Acid Mixer - Shlumberger - Saudi Arabia
4. Rubber Lining of Pipes and Fitting - Arab Ship Repairing Yard - Bahrain
5. Rubber Lining of Pipes - Gulf Petrochemical Industries Co. (BSC) - Bahrain
6. Rubber Lining of Pipes - Alstom Powers - Bahrain
7. Rubber Lining of Pipes - Laleir Eutropie SA - Bahrain
8. Rubber Lining of Butterfly Valves - Marine & Industrial Pump Repair - Bahrain
9. Rubber Lining of Pipes - Bahrain Airport Services - Bahrain
10. Rubber Lining of Butterfly Valves & Pipes - Hidd Power Station - Bahrain
11. Rubber Lining of Diesel Condensor - Aluminium Bahrain - Bahrain

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## Rubber Lining Projects

Bahrain Rubber Company proudly completed its project in the Jeddah region to line 22 tanks with an area of 500 square meters with rubber to protect them from abrasion and corrosion.



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## Rubber Lining Facilities

Bahrain Rubber Company is fully equipped to execute rubber lining projects in Bahrain, the Gulf countries, and the entire Middle East. BRC has robust experience in executing both ON-SITE and IN-HOUSE rubber lining projects. BRC has recently executed a rubber lining project for 17000 sq m in the Kingdom of Saudi Arabia and has already initiated a new project for nearly 20,000 sq m.

BRC has 2 ON-SITE Boilers and a team of over 30 professional and experienced rubber liners.

Additionally, BRC has 3 autoclaves IN HOUSE which are utilized for curing smaller vessels, pipes, and spools.



(+973) 17830188



[WWW.bahrainrubber.com](http://WWW.bahrainrubber.com)



[Rubber@hajihassan.com](mailto:Rubber@hajihassan.com)