

Neoprene Rubber Sheet Manufacturing integrated with AI tools from Metro Rubber Corporation

The global demand for neoprene has steadily increased in recent years, owing to its exceptional chemical and physical characteristics. Neoprene is generally employed for corrosion retardant, electric insulation & harsh environment.



New Delhi, Delhi Mar 20, 2023 ([IssueWire.com](https://www.issuewire.com)) - [Metro Rubber Corporation](#) is a manufacturer of Industrial Rubber Sheets & Hoses.

High demands for high-quality synthetic rubber, increasing usage of neoprene in wet suit manufacture, and the adoption of neoprene as general-purpose elastomers are some major factors projected to promote neoprene acceptance in a variety of applications and expand the neoprene market revenue growth in the future.

As is stable and resistant to the harmful effects of UV radiation and ozone, neoprene sheets are favored over cheap rubber sheets. Neoprene Latex is widely used in manufacturing gloves and adhesives which, in turn, are used in the automotive, building & construction and electrical & electronics industries.

Neoprene latex segment is likely to be the second largest segment during the assessment period in terms of volume and value. Neoprene rubber sheets are incredibly adaptable and resistant to petroleum, lubricants, and variations in weather conditions. The neoprene latex segment is projected to be the second largest segment in terms of volume and value during the assessment period. The product offers excellent properties such as low compression set, excellent resilience and abrasion resistance and advanced resistance to ultraviolet and ozone radiations. These properties make them ideal for use in gaskets, gaskets, building insulation and linings in the automotive, electrical and construction industries. In the automotive field, neoprene sheets are commonly used for under-hood and under-body parts.

Neoprene sheet was the largest product category in 2018 and is expected to follow the same trend during the forecast year. The product offers outstanding properties such as low compression set, excellent elasticity and abrasion resistance, and long-term resistance to UV and ozone radiation. Due to its wearability, flexibility, and softness, it is widely utilized in the safety, medical, as well as packaging industries. These latex products are commonly used in the manufacture of gloves and adhesives, which in turn are used in the automotive, building and construction, and electrical and electronics industries.

Neoprene rubber sheet production in India is growing rapidly.

We are among the prominent players in the industry for manufacturing Neoprene/Chloroprene Rubber Sheets. Our Neoprene Rubber Sheets are made from high quality material which can be used in various sectors like Aerospace, Automotive, Pharmacy, Chemical, Cement, Heavy Engineering, Mining, Fertilizers, etc

The neoprene rubber sheet industry in India is forecast to grow rapidly over the next five years. According to the neoprene industry analysis, the neoprene sheet segment is predicted to account for a significant revenue share of the worldwide market over the forecast period. In the automotive sector, neoprene sheets are commonly utilized for under-the-hood as well as under-body parts purposes.

Technical Specifications:

Neoprene Rubber Sheets could be manufactured as per the mentioned Properties & Variation depending upon Applications requirement.

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| • Specific Gravity (gm / cm 3) | 1.1 to 1.60 |
| • Hardness (Shore A, ± 5) | 40 to 85 |
| • Tensile Strength, min (kg / cm 2) | 30 to 150 |
| • Elongation at break, min(%) | 200 to 600 |
| • Compression Set , at 70°C for 22 hrs (%) | 40 to 45 |
| • Service Temperature Range | -90°C to +120°C |

Neoprene rubber sheet was the largest product segment in 2018 and is anticipated to follow the same trend during the forecast years. These properties make them ideal for their use in seals, gaskets, building insulation and liners in the automotive, electrical and construction industries. India is the world's second-largest producer of neoprene rubber.

According to the analysis of the neoprene rubber industry, the neoprene rubber sheet segment is expected to account for a significant revenue share in the global market during the forecast period. Neoprene sheets are preferred over inexpensive rubber sheets due to their stability and resistance to the damaging effects of UV radiation and ozone. Neoprene panels offer an incredible fit and resistance to oils, lubricants and fluctuations in weather conditions.

Features:

- Superior insulating properties
- Exceptional weather resistance: resists the damaging effects of UV light, ozone, O₂, weather, moisture and steam with outstanding aging characteristics
- Good chemical resistance: resists water and many chemicals such as some acids, oxidizing chemicals, ammonia and isopropyl alcohol. Note: concentrated acids, alkaline and solvents should not be used with silicone rubber
- Excellent dimensional stability: offers excellent accuracy and provides versatility of shape and form to many seals and parts, even intricate shapes

Integration of AI in formulation, processing, Production, management, distribution & customer interaction can take things to next level. This can help the development of new products out of the same raw material.

visit our webpage for commercial terms: <https://rubbersheetindia.co.in/neoprene-rubber-sheet>



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Source : Metro Rubber corporation

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