



RUBTECH MECH (INDIA) LLP

AN ISO 9001:2015 CERTIFIED COMPANY



"Manufacturer & Exporters of Engineering Rubber components."

COMPANY OVERVIEW

- ❖ After years of dedicated research and development, Rubtech Mech (India) LLP has pioneered the creation of a cutting-edge, non-toxic, and non-hazardous rubber compound, specifically designed to meet the stringent demands of food safety.
- ❖ This revolutionary material is used in the manufacturing of milling sieve cleaners, ensuring the highest standards of hygiene and safety when in contact with grains and other edible materials during the screening and sieving processes. Our commitment to innovation guarantees a product that not only enhances performance but also aligns with global food-grade compliance requirements, making it the preferred choice for industries worldwide.

JOURNEY



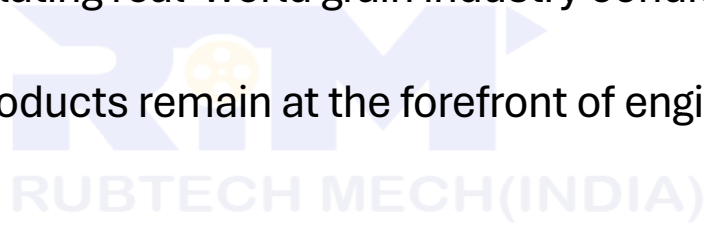
VISION & MISSION

- ❖ To deliver Rubber Food Contact Materials that are 100% food grade for all food processing industries globally. Viz-a-Viz High tear strength, wear resistant Superb resilience & rebound, phthalates & BPI free, prolonged life are the objectives of our new performance standards, which we guarantee will result in highly beneficial for all sieving process applications being much efficient & low priced than PU ball/Brush Cleaners.
- ❖ RTM's vision is to become one of the world's leading polymer companies and to transform INDIA into a technological and economic superpower.



RESEARCH & DEVELOPMENT

- ❖ Rubtech Mech demonstrates its commitment to innovation through continuous investment in state-of-the-art R&D facilities and a dedicated team of engineers focused on enhancing product performance.
- ❖ The company has pioneered the development of food-grade rubber materials that comply with global safety standards and conducted rigorous durability tests simulating real-world grain industry conditions.
- ❖ These efforts ensure that Rubtech Mech's products remain at the forefront of engineering excellence, delivering unmatched quality and reliability.



PRODUCT FEATURES & BENEFITS

- ❖ Rubtech Mech's products meet rigorous international standards, ensuring top-notch quality and reliability.
- ❖ Complying with US FDA 21 CFR 177.2600, EU EN 2002R0178, and JA9104 Japan Regulations, these rubber components are designed for exceptional durability, reducing wear and tear even in demanding environments.
- ❖ They enhance equipment efficiency by ensuring seamless operation and significantly lower the risk of contamination, guaranteeing food safety and compliance with industry regulations. Additionally, these features contribute to long-term cost savings by reducing the frequency of maintenance and replacements.

PRODUCTS



SIEVE CLEANER RUBBER BALL

SIZES AVAILABLE

16MM, 25MM, 26MM, 28MM, 30MM,
32MM, 35MM, 40MM, 50MM,
63.5MM

Features:

- Made from FDA-approved, food-grade rubber.
- Excellent resilience and wear resistance.
- Available in various sizes and hardness levels to suit different applications.
- Designed to prevent clogging and optimize sieve efficiency.

Benefits:

- Enhances the sieving process by preventing material buildup.
- Improves productivity and throughput in milling operations.
- Increases the lifespan of sieves by reducing wear and tear.
- Easy to install and maintain.

PRODUCTS



BARREL SHAPE CLEANER

SIZE AVAILABLE

35MM X 17MM

Features:

- Unique barrel-shaped design for optimal cleaning performance.
- Constructed from high-quality, non-toxic, food-grade rubber.
- Specially designed to reach hard-to-clean corners and edges in sieves.

Benefits:

- Ensures thorough cleaning of sieves, even in complex systems.
- Increases sieving accuracy and operational efficiency.
- Durable and long-lasting, minimizing replacement frequency.

PRODUCTS



SQUARE SHAPE CLEANER

SIZE AVAILABLE

20MM X 20MM X 20MM

Features:

- Made from durable, food-grade rubber materials.
- Cube-shaped design tailored for specific cleaning systems.
- Resistant to abrasion and wear for long-term use.

Benefits:

- Ensures deep and thorough cleaning of sieves.
- Enhances operational efficiency in sieving processes.
- Easy to use and compatible with multiple machine setups.

PRODUCTS



ANTI VIBRATION MOUNT

SIZE AVAILABLE

75MM X 100MM

90MM X 100MM

96MM X 96MM

110MM X 125 MM

Features:

- Designed to isolate vibrations from machinery effectively.
- Made from oil-resistant and weatherproof rubber compounds.
- Suitable for heavy-duty industrial equipment.

Benefits:

- Reduces noise and vibration for a safer and quieter environment.
- Prolongs machinery lifespan by minimizing wear and tear.
- Improves the stability and precision of equipment.

PRODUCTS



RUBBER INSPECTION CAP

SIZE AVAILABLE

4 INCH

5 INCH

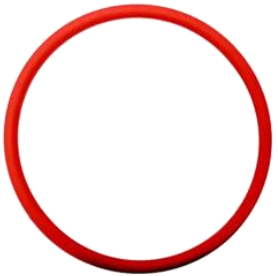
Features:

- Manufactured with food-grade, non-toxic rubber.
- Customizable sizes and designs for various industrial needs.
- Resistant to abrasion and harsh environmental conditions.

Benefits:

- Facilitates easy inspection and maintenance of machinery.
- Maintains system integrity during operation.
- Durable and cost-effective, reducing replacement frequency.

PRODUCTS



RUBBER RING

SIZE AVAILABLE

100MM

190MM

Features:

- Available in various sizes to fit different industrial applications.
- Made with high-grade, wear-resistant rubber.
- Designed to provide elasticity and a secure seal.

Benefits:

- Ensures tight and leak-proof connections in machinery.
- Reliable performance across food, pharmaceutical, and chemical industries.
- Reduces maintenance needs with long-lasting durability.

PRODUCTS



AIR LOCK RUBBER SLEEVE

SIZE AVAILABLE

125MM, 150MM, 190MM

Features:

- Made from abrasion-resistant, food-safe rubber materials.
- Designed to create an airtight seal in pneumatic conveying systems.
- Highly durable and capable of handling high-pressure applications.

Benefits:

- Maintains consistent airflow for smooth material flow.
- Prevents leakage, ensuring efficient operation.
- Resistant to wear and tear, making it a long-lasting solution.

PRODUCTS



CLASSIFIER SLEEVE

SIZE AVAILABLE

150MM X 100MM X 125MM

Features:

- Made from durable, non-toxic rubber compounds.
- Precision-engineered to fit classifier systems perfectly.
- Resistant to abrasion and food-safe for processing edible materials.

Benefits:

- Enhances the classification process with smooth material flow.
- Reduces operational disruptions with reliable performance.
- Compatible with a wide range of classifier machinery.

PRODUCTS



DE STONER SLEEVE

SIZE AVAILABLE
150MM X 265MM

Features:

- Specially designed for use in de-stoning equipment.
- Manufactured with high-performance, food-grade rubber.
- Flexible and abrasion-resistant to withstand rigorous operations.

Benefits:

- Facilitates efficient separation of stones and impurities.
- Ensures consistent performance, improving processing efficiency.
- Easy to replace and maintain, reducing downtime.

PRODUCTS



LIFT RUBBER SLEEVE

SIZE AVAILABLE

75MM, 88MM, 100MM, 113MM,
139MM

Features:

- Constructed from high-quality, food-grade rubber.
- Exceptional flexibility and durability for continuous operations.
- Customizable dimensions to fit a variety of lift systems.

Benefits:

- Ensures seamless material transfer in lift mechanisms.
- Reduces wear and tear, enhancing the lifespan of the machinery.
- Lightweight and easy to install, minimizing downtime.

CERTIFICATES

JAPAN POLYMER ANALYTICAL AND RESEARCH LABORATORY
INDIA PRIVATE LIMITED
(A Subsidiary of Higashi Kagaku Co.Ltd., Japan)
An ISO/IEC 17025 - Accredited Testing Laboratory by NABL
Vide Certificate Number TC - 5593
An ISO 9001 : 2015 Certified Laboratory
Email : japanlab@gmail.com

JPL/TR/RMIL/8375/22-23 28 September 2022

TEST REPORT

Name and address of the customer	RUBTECH MECH INDIA LLP	Plot No. 896, Udyog Vihar Phase 1, Gurgaon (Haryana), India, 122016
Sample ID Laboratory	JPL - 553B	Description of the sample Rubber
Room Temperature	23°C	Relative Humidity 50%
Date of receipt of sample	14.9.2022	Date of completion of the tests 23.9.2022

Sample ID: POLYBUTADIENE RUBBER BALLS

Name of the Test	Test Method	Properties	Specification	Result	Unit	
Food Grade Analysis	JAPAN JA 9104	Phthalate Ester - Bis (2-ethylhexyl) phthalate	1.5 Max	BDL (DL:0.02)	mg/kg	
		Specific migration (n-Heptane @ 38°C for 30 mins)				
		Antimony	0.04 Max	BDL (DL:0.02)	mg/kg	
		Zinc	5 Max	BDL (DL:0.02)	mg/kg	
		Manganese	0.6 Max	BDL (DL:0.02)	mg/kg	
		Cobalt	0.05 Max	BDL (DL:0.02)	mg/kg	
		Lithium	0.6 Max	BDL (DL:0.02)	mg/kg	
		Copper	5 Max	BDL (DL:0.02)	mg/kg	
		Iron	48 Max	BDL (DL:0.02)	mg/kg	
		Barium	1 Max	BDL (DL:0.02)	mg/kg	

Note: *DL-Detection limit
*BDL-Below detection limit
*The rubber sample conforms to the JAPAN JA 9104 limit for the parameters tested above.

—End of the Test Report—

For Japan polymer Analytical and Research Laboratory India Pvt Ltd
Dr. C.Anbuehvan M.Sc., M.Tech., M.B.A.
Technical/Executive Director
Holder of Japanese Patent-4106696, April 2008
Holder of Malaysian Patent-MY-139517-A, October 2009
Holder of Thailand Patent-53360, January 2017
Check the hologram symbol for original certificate verification.
Sample was not drawn by us unless otherwise specified.
The result given is only related to the sample submitted to us.
The report should not be reproduced without any consent of the laboratory.
Modifying or forging the test report invites the legal action.

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JAPAN

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JPL/TR/RMIL/8373/22-23 28 September 2022

TEST REPORT

Name and address of the customer	RUBTECH MECH INDIA LLP	Plot No. 896, Udyog Vihar Phase 1, Gurgaon (Haryana), India, 122016
Sample ID Laboratory	JPL - 553	Description of the sample Rubber
Room Temperature	23°C	Relative Humidity 50%
Date of receipt of sample	14.9.2022	Date of completion of the tests 23.9.2022

Sample ID: POLYBUTADIENE RUBBER BALLS

Name of the Test	Test Method	Specification	Test Results	Unit
Food Grade Analysis	Global migration with Distilled Water for 7 hrs @ 100°C	Max. 20	5.02	mg/in ²
	Global migration with Distilled Water for 2 hrs @ 100°C	Max. 1	0.24	mg/in ²
	Global migration with n-hexane for 7 hrs @ 70°C	Max. 175	10.56	mg/in ²
	Global migration with n-hexane for 2 hrs @ 70°C	Max. 4	1.04	mg/in ²
		US FDA 21CFR 177.2600		

Note: *The material does not contain any harmful ingredients.
*The given material is acceptable to use as food grade.
*The rubber sample conform to the USFDA 21CFR 177.2600 limit for the parameters tested above.

—End of the Test Report—

For Japan polymer Analytical and Research Laboratory India Pvt Ltd
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US FDA

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JPL/TR/RMIL/8374/22-23 28 September 2022

TEST REPORT

Name and address of the customer	RUBTECH MECH INDIA LLP	Plot No. 896, Udyog Vihar Phase 1, Gurgaon (Haryana), India, 122016
Sample ID Laboratory	JPL - 553A	Description of the sample Rubber
Room Temperature	23°C	Relative Humidity 50%
Date of receipt of sample	14.9.2022	Date of completion of the tests 23.9.2022

Sample ID: POLYBUTADIENE RUBBER BALLS

Name of the Test	Test Method	Properties	Specification	Result	Unit	
Food Grade Analysis	EU 2002R0178 (EU NO 10/2011)	Phthalate Ester - Bis (2-ethylhexyl) phthalate	1.5 Max	BDL (DL:0.02)	mg/kg	
		Specific migration (n-Heptane @ 38°C for 30 mins)				
		Antimony	0.04 Max	BDL (DL:0.02)	mg/kg	
		Barium	1 Max	BDL (DL:0.02)	mg/kg	
		Cobalt	0.05 Max	BDL (DL:0.02)	mg/kg	
		Copper	5 Max	BDL (DL:0.02)	mg/kg	
		Iron	48 Max	BDL (DL:0.02)	mg/kg	
		Lithium	0.6 Max	BDL (DL:0.02)	mg/kg	
		Manganese	0.6 Max	BDL (DL:0.02)	mg/kg	
		Zinc	5 Max	BDL (DL:0.02)	mg/kg	

Note: *DL-Detection limit
*BDL-Below detection limit
*The Rubber sample conforms to the EU 2002R 0178 (EU NO 10/2011) limit for the parameters tested above.

—End of the Test Report—

For Japan polymer Analytical and Research Laboratory India Pvt Ltd
Dr. C.Anbuehvan M.Sc., M.Tech., M.B.A.
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