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1

SUSTAINABILITY

1

**WHY ARE PAPER CUPS
A SUSTAINABLE CHOICE?
A SUSTAINABILITY
EXPERT
WEIGHS IN**

Paper cups are convenient, clean and hygienic. But we should know that paper cups are made from renewable resources.



Paper mills take used paper cups & re-pulp them, turning them into a variety of products. The fiber from recycled cups is used to make:

TISSUE



A VARIETY OF PAPER PRODUCTS



RECYCLED PAPERBOARD

Paper cups are a sustainable choice because:

- **They can be recycled.**
- **They are made with wood fiber from sustainably managed forests, which is a 100% renewable resource.**



DRINKING TEA FROM PLASTIC CUPS POSES CANCER RISKS

The use of plastic cups in tea shops has increased across the country. Tea sellers are providing hot beverages from paper cups in lieu of glass-cups. After using the cups, users are disposing of those into roadside drains, footpaths, and streets. Health experts opined that these cups would be a reason of health risks even cancer.

The use of plastic items is common here in Bangladesh. These plastic goods are being used in marriage, birthday and other programs randomly. Ultimately, these items are being dumped into here and there. One-time plastic cups, plates, and glasses have been added with the contest of plastic use.

Media worker, Giash Ahmed said, "We are using plastic even after knowing it is harmful. We are throwing those plastics in the streets, drains, rivers, parks, seas without caring about environmental pollution. We should stop using these on our own. You have to get used to using jute bags and paper bags." Mentioning the harmful effects of beverage from plastic cups, Professor Dr. Farhad Mansur said, "The plastic cups usually used in tea shops are not food graded. As a result, various types of chemical reaction has been created after drinking tea from those plastic cups. Later, people can suffer from cancer due to it. So, no one should drink hot beverage from plastic cups."



PLASTIC WASTAGE & POLLUTION



Once at sea, sunlight, wind, and wave action break down plastic waste into small particles, often less than one-fifth of an inch across. These so-called microplastics are spread throughout the water column and have been found in every corner of the globe, from Mount Everest, the highest peak, to the Mariana Trench, the deepest trough. Most of the plastic trash in the oceans, Earth's last sink, flows from land. Trash is also carried to sea by major rivers, which act as conveyor belts, picking up more and more trash as they move downstream. Once at sea, much of the plastic trash remains in coastal waters. But once caught up in ocean currents, it can be transported around the world. According to one study on the environmental impacts of paper cups, each cup, taking into account the paper, the paper sleeve, production and shipping, emits about 0.11 kilograms of CO₂.





HOW MUCH PLASTIC ARE WE SAVING ?

About 40% of plastic produced is packaging, used just once and then discarded. Most of the plastic made, 72%, ends up in landfills or the environment, according to a 2022 report from the Organisation for Economic Co-operation and Development. Only 9% of the plastic ever produced has been recycled, and 19% has been incinerated. In 2007, more than a 1 million tons of paper was used for cups and plates. Almost all of them were simply thrown away and left in landfills. At the same time, more than 800,000 tons of plastic plates and cups were manufactured, most of them also ending up in landfills.

The main advantage of paper cups is biodegradability. These cups break down quickly with no harm, but plastic cups can't say the same. Conversely, their impact on landfills is a major concern since there is such an immense number of cups regularly produced.



**WHO
WE
ARE**

ABOUT US

Paperware Factory, Spearheading Bangladesh's Eco-Revolution, Our Vision is to Eradicate Plastic Pollution and Safeguard Our Environment for a Sustainable Tomorrow.

Our journey is far from over.

Paperware Factory remains committed to pushing boundaries, innovating, & advocating for a cleaner, greener world. We see a future where plastic pollution is a distant memory, & our environment thrives in its pristine state.



Eco-Friendly Production:

At the core of our operations is a commitment to eco-friendly production. As a producer and provider of environmentally friendly products, we have set our sights on a future where plastic pollution is a thing of the past. We believe in leading by example, and our manufacturing processes reflect this philosophy. Our products are designed to offer exceptional functionality while minimizing the environmental footprint.

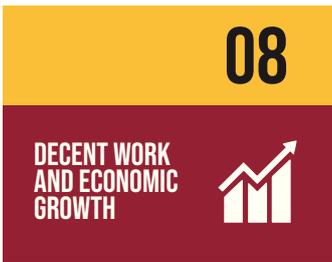
Ending Plastic Pollution:

The ubiquitous issue of plastic pollution demands collective action. Paperware Factory understands the gravity of this challenge, and our mission is to play a pivotal role in ending plastic pollution. By producing high-quality, sustainable alternatives to plastic products, we aim to inspire individuals & businesses alike to choose a more responsible & environmentally conscious path.

Collaborative Efforts:

We recognize that real change requires collective efforts. Paperware Factory actively engages with communities, partners, & like-minded individuals who share our vision. We believe in the power of collaboration and know that by working together, we can achieve our mission faster and more effectively.

SDG



Paperware Factory focuses on promoting sustained, inclusive, & sustainable economic growth, full and productive employment, & a decent work environment.



Paperware Factory puts high importance on Reducing Carbon Emissions, Education & Advocacy & Sustainable Sourcing & finally works diligently on Waste Reduction.



Paperware Factory emphasizes Efficient Resource Use (SDG 9.2), Cleaner Production Processes (SDG 9.4), Technological Innovation (SDG 9.5), Infrastructure Development (SDG 9.1)



Paperware Factory works relentlessly on Reducing Pollution, Biodiversity Conservation, Environmental Management Systems (EMS)



Paperware Factory highlights Waste Management, Eco-Friendly Production, Sustainable Sourcing, Lower Product Life Cycle, Transparency and Reporting.



Paperware Factory toils to develop Responsible Governance, Conflict Resolution, Access to Justice, Promoting Rule of Law, Capacity Building and Partnerships for the Goals. By incorporating these practices into their operations, Paperware Factory contributes to SDG 16 and helps build a more peaceful, just, and inclusive world.

**WE
LOVE**

**WHAT
WE DO
BECAUSE
WE ARE**

**PASSIONATE
ABOUT IT**

ECO FRIENDLY

✦

PAPER CUP

✦

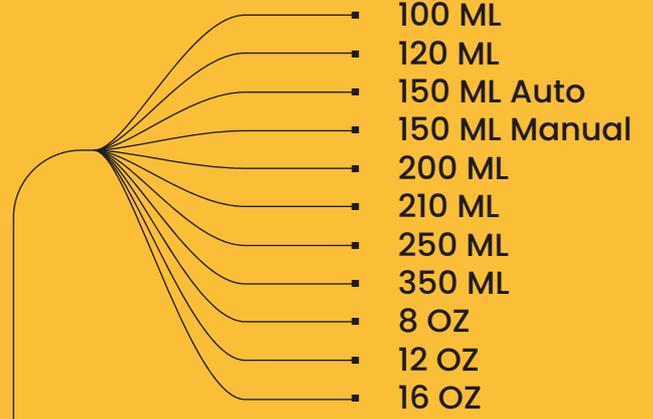
Before our cups reach your hands, they undergo rigorous testing in our in-house laboratory. Quality checks are our forte, guaranteeing that every cup meets the highest standards of excellence. Your peace of mind is our priority.

Paperware Factory is more than a manufacturer; we're your sustainability partner. With every cup, we don't just provide a vessel for your beverages; we provide a vessel for a sustainable future.

Choose us, & together, let's create a world where loyalty to quality meets loyalty to the planet. It's not just about cups; it's about making a world of difference, one cup at a time.

**GOOD THINGS HAPPEN
WHEN WE THINK POSITIVE**

ECO FRIENDLY PAPER CUP





RIPPLE WALL
PAPERCUP

- 250 ML
- 350 ML
- 8 OZ
- 12 OZ

DOUBLE WALL
PAPERCUP

- 200 ML
- 250 ML
- 350 ML
- 8 OZ
- 12 OZ



OUR OTHER PRODUCTS

To Emerge with Unparalleled Plans, Innovative Ideas, and Comprehensive Proposals, Catering to Our Clients' Diverse Needs, Our Ambition Extends to Deliver an Expansive Array of Exceptional Products. Our Commitment to Excellence Transcends Boundaries, and We Strive to Provide a Comprehensive Range of High-Quality Offerings that Elevate Customer Experiences and Address Their Varied Demands.

PAPER SHOPPING BAG

our Unwavering Focus Is on Crafting 100% Customized Paper Bags of the Utmost Quality, Right from Inception to Completion. Our Packages Come in a Range of Sizes: Small (S), Medium (M), Large (L), and Extra Large (XL), All Made from Premium, Eco-Friendly Materials.

Our Commitment to Excellence Is Evident Through Our Low Minimum Order Quantities (MOQ), Stringent Standards, and the Expertise of Our Skilled Craftsmen. We Take Pride in Offering Environmentally Responsible, Non-Biodegradable Options.



BURGER & MEAT BOX



For Your Specialized Juicy Burgers, We Pledge to Provide a Comprehensive Range of Paper Food Packaging Products Tailored to Your Every Need.

Our Selection Includes Takeaway Paper Boxes and Hygienic Packaging Solutions, All Crafted from 100% Hazardous-Free Chemicals and Certified Food-Grade Paper. Your Satisfaction and the Safety of Your Delicious Creations Are Our Top Priorities.

We Offer a Wide Array of Paper Meal Boxes, Ranging from Sturdy White Boxes to Soft Varieties with One or Two Compartments. Our Comprehensive Solutions Cover Every Need, Providing You with a One-Stop Destination for All Your Packaging Requirements.

Our Offerings Are Environmentally Responsible with Non-Biodegradable Options. Rest Assured, All Our Products Are Crafted from 100% Food Grade Paper, Utilizing Non-Toxic Inks for Safe Use. Our Disposable Craft Paper Solutions Are Inherently Eco-Friendly, Aligning with Our Dedication to a Sustainable Future Options.

FOOD WRAPPING PAPER



We Guarantee Optimal Oil Resistance to Preserve the Freshness of Your Food. Our Commitment to Quality Extends to the Exclusive Use of Foodsafe Raw Materials, Ensuring the Utmost Safety for Your Edibles. Our Packaging Showcases Bright and Vivid Logo Printing, Enhancing Your Brand's Visibility. Crucially, We Maintain a Stringent Hazardous Chemical-Free Approach, Ensuring that Every Aspect of Your Order, from Transportation to Handling, Meets the Highest Standards of Hygiene and Remains Germ-Free.



HAND TAG

Exceptionally Versatile and Adaptable, Our Products Are Easy to Customize to Your Exact Specifications. They Are Produced Conveniently to Meet Your Demands & Are Inherently Flexible & Compatible with Various Applications and Needs.

CARTON BOX

Highly Customizable to Suit Your Unique Needs, Our Solutions Are Not Only Cost-Effective but Also a Testament to Sustainability. We Prioritize the Use of Biodegradable Materials, Making Our Products Environmentally Friendly, Recyclable, & Reusable. Additionally, Their Lightweight Design Enhances Ease of Use and Transportation, Creating a Comprehensive Solution for All Your Requirements.





LEBEL STICKER

These Products Offer Exceptional Durability for Extended Use, Demonstrating Impressive Weather Resistance and Remarkable Flexibility. What Sets Them Apart Is Their Unwavering Commitment to Being Eco-Friendly, Making Them an Ideal Choice for All Your Sticker Label Needs.



GIFT BOX

At Paperware Factory, we believe that every gift is unique, and our gift boxes should reflect that. That's why we offer endless customization possibilities. You can choose from various sizes, colors, and designs, ensuring that your gift is not only heartfelt but also beautifully presented.

PHARMACEUTICAL GIFT BOX

At Paperware Factory, we uphold the highest standards of quality in crafting our Pharmaceutical Gift Boxes. These boxes are more than just packaging; they are a representation of our commitment to the well-being of individuals. They are meticulously designed to preserve the integrity and safety of the pharmaceutical products they encase.



BUSINESS CARD

In a world where first impressions matter, Paperware Factory brings you a unique approach to business cards that not only make a memorable impact but also contribute to a sustainable future. We take great pride in presenting our paper-based business cards that reflect our commitment to environmental responsibility.

RESTAURANT SUPPLIES

Sandwich Box
Pizza Box
Cake Box
Chaw Min Box
Sweet Box
French Fries Packet
Food Parcel Bag
Paper Cup
Food Menu Card
Food Menu Board

MARKETING MATERIALS

Brochure
Catalog
Company Profile
Ramadan Calendar
ID card
File Folder
ID Card Ribbon
Desk Calendar
Wall Calendar
Flyer
Leaflet
Sticker
Magazine
PVC Banner
Festoon
X Banner

MEDICAL AND PHARMACEUTICAL

Patient Hospital File
Doctor Prescription
Report Envelope
X-Ray Envelope
Medicine Packaging
Medicine Label
Medicine Literature

GIFT ITEM

Ceramic Mug
Pen
Tissue box
Diary
Notebook
Desk Calendar
Wall Calendar
Button Badge
Key Ring

OFFICE STATIONARY

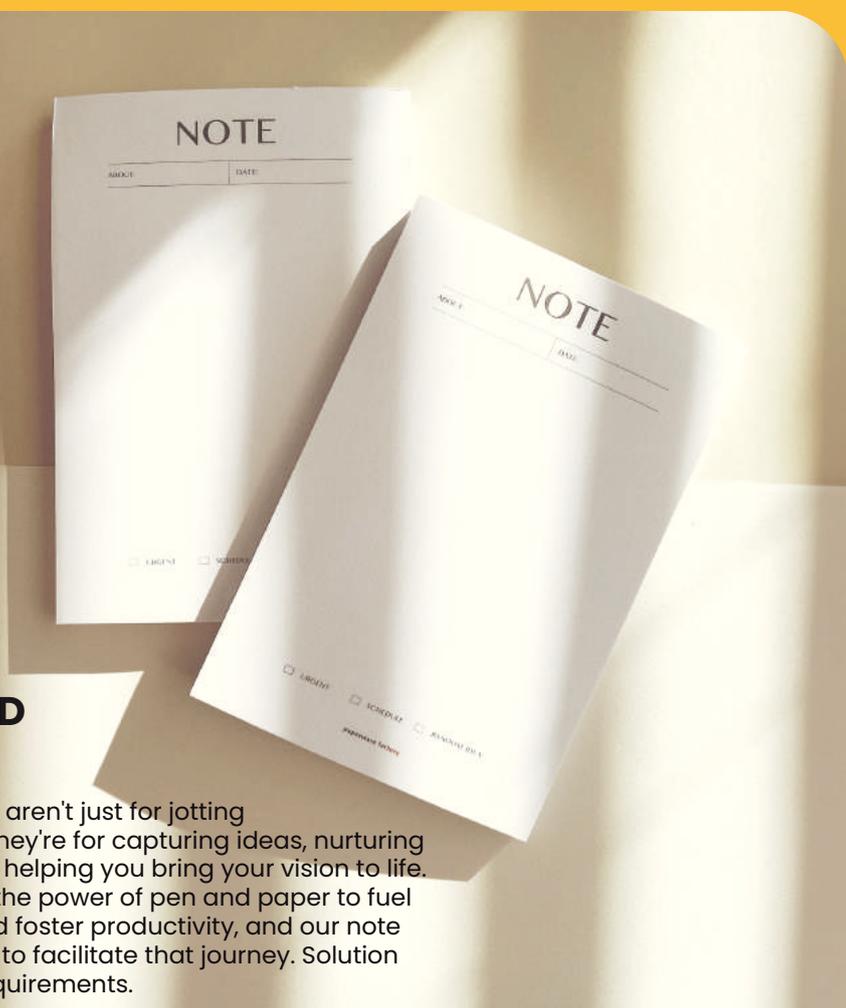
Envelope
Invoice
Money Receipt
Challan/Bill
ID card
File Folder
ID Card Ribbon

PACKAGING

Tissue box
Paper Cup
Pizza Box
Courier Parcel Bag
Product Label
Round Sticker

NOTE PAD

Our note pads aren't just for jotting down words; they're for capturing ideas, nurturing creativity, and helping you bring your vision to life. We believe in the power of pen and paper to fuel innovation and foster productivity, and our note pads are here to facilitate that journey. Solution for All Your Requirements.



OTHER

Die-cut Sticker
Size Sticker
Barcode Sticker
Hang Tag



**WHY SHOULD
YOU SELECT US**



METICULOUS ATTENTION TO DETAIL:

Our unwavering commitment to growth is underpinned by an unwavering focus on every detail, aligning perfectly with your specific needs.



PUTTING CLIENTS FIRST:

We cultivate and nurture enduring partnerships by listening actively, fostering loyalty, delivering personalized services, & offering an expansive range of top-notch products and services. Our devotion to our clients remains unwavering.



TRANSPARENCY AND INTEGRITY:

Our work is synonymous with uncompromising quality, adherence to deadlines, & precision. We maintain an ethos of openness, patience, and competence throughout our collaborations, making us the ideal partner for your business.



EXPERIENCE MEETS DEDICATION:

Distinguishing ourselves through a blend of quality and flair, our team is committed to ingenuity & versatility. In a constantly changing world, we craft adaptable strategies for every twist and turn. Our mission is simple: to deliver exceptional results for your enterprise. We leverage our experience to create value in your branding journey.



CHOOSING ECO-FRIENDLINESS:

In our journey towards excellence, we prioritize environmental stewardship. We are deeply committed to eliminating plastic pollution from our surroundings. To avert irreversible harm to our planet, we champion the use of non-biodegradable materials. This underscores our belief that paper reigns supreme and plastic is a thing of the past.

At Paperware Factory, we're more than just a business; we're a force for change, innovation, & eco-conscious progress. Join us in the pursuit of a brighter, sustainable future.

OUR PRINTING MACHINE



DIE CUTTING MACHINE

As technology advances, so does our Die Cutting Machine. With continual upgrades and integration of cutting-edge software, it stands at the forefront of precision cutting technology.

Our Die Cutting Machine isn't just a tool; it's a testament to our unwavering commitment to delivering top-notch quality & precision in every project we undertake.



CORD UV

Just like our commitment to quality, our UV Coating Machine continually evolves. With software integration and advancements in UV technology, it remains at the forefront of enhancing the visual and protective aspects of our projects.

This machine isn't confined to a single task. Its versatility allows us to apply UV coatings to a wide range of materials, bringing out their brilliance & protecting them from wear and tear.

POLAR CUTTING MACHINE

Our Polar Cutting Machine is not just a piece of equipment; it's a symbol of our dedication to delivering precise, clean cuts in our products and services. It ensures that every job we handle is executed with meticulous accuracy.

As technology advances, so does our Polar Cutting Machine. With continual upgrades and integration of cutting-edge software, it's at the forefront of precision cutting technology.





AMBUSH MACHINE

As technology evolves, so does our Ambush Machine. With continual upgrades and cutting-edge software integration, it stands at the forefront of precision cutting technology.

This machine isn't limited to a single function. Its versatility allows us to work with an extensive range of materials, from paper and cardboard to various substrates. Its capabilities are the cornerstone of our ability to meet diverse needs.



BULLING MACHINE

Our Bulling Machine isn't just equipment; it's a symbol of our commitment to adding bulk with precision to our projects. It's the secret behind the impressive thickness & sturdiness you'll find in our work.

In our tireless quest for precision and quality, we're excited to introduce our cutting-edge Bulling Machine.

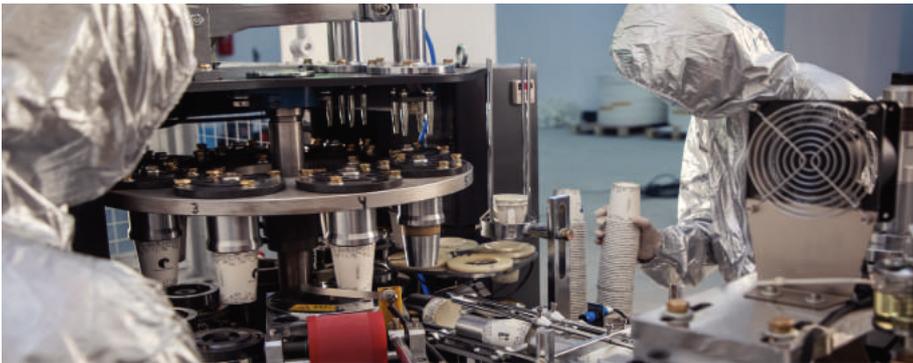


PASTING MACHINE

This machine isn't confined to a single function. Its versatility allows us to apply adhesive to a wide range of materials, from paper and cardboard to various substrates. Its capabilities form the foundation of our ability to meet diverse needs.

In our pursuit of precision and quality, we proudly introduce our state-of-the-art Pasting Machine.

CLEANLINESS AND QUALITY CHECK



HOW DO WE PRODUCE THESE PAPER CUPS?



The production process of crafting paper cups from 100% raw virgin pulp begins with the pulping of raw wood or other plant fibres. This pulp is then mixed with water to create a pulp slurry, which is subsequently refined to achieve the desired consistency and fibre alignment.

The refined pulp is then formed into paper sheets through a series of mesh screens on a paper machine. These sheets undergo further processing to enhance their strength and flexibility.

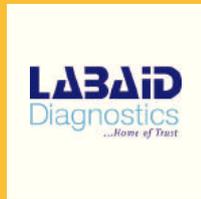
Next, the paper sheets are fed into cup forming machines, where they are shaped into cups. After forming, the cups are dried to remove excess moisture & ensure structural integrity.

Finally, the cups are trimmed, inspected for quality, and packaged for distribution. This meticulous process ensures that our paper cups, made from 100% raw virgin pulp, meet the highest standards of sustainability, purity, and performance.



CLIENTS

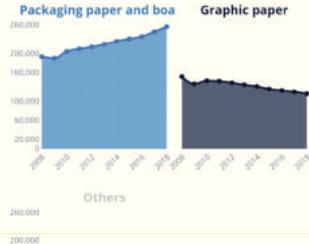




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A significant growth in packaging paper and board production volumes

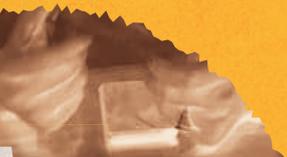
Global paper production volume from 2008 to 2018 (in 1,000 metric tons)



A rough estimation shows the paper and forest-products gain from embracing the digital revolution.

Example use cases in the paper and forest-products industry	Cost reduction based on existing technology
<ul style="list-style-type: none"> Raw-material supply Pulp production Paper and board production Paper machine Converting line 	
Artificial intelligence and analytics	-4.5
Automation	-2.0
Mobile	-1.0

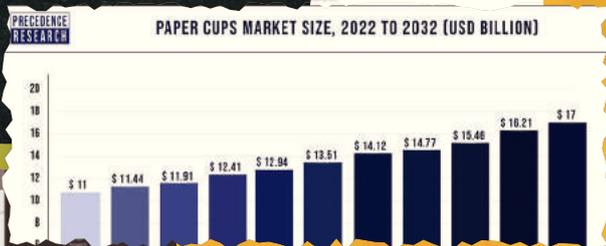
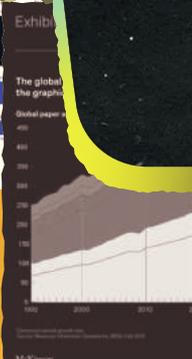
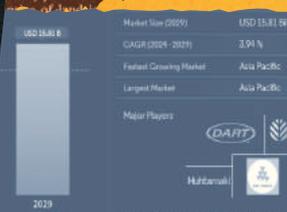
PAPER INDUSTRY EPITOME OF FEASIBILITY ALONG WITH SUSTAINABILITY



products. We are e... the world's lead... verification, test... on company, it is... which is 100%... available.

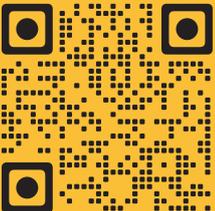
What is the market potential for paper cups in Bangladesh? The popularity of disposable hygienic paper cup is rising across the world as well as Bangladesh. This is because of health consciousness, environment and changing food habit. All the number of cups and increase in business expenditure. Still, the our product...

...ally dependent on materials for making... The businesses in... to pay 53% import... of paper. The gov... d lower the import... ing this as a thrust... same time, the Bang... should provide loan... green financing as... endly product...





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