

100% COMPOSTABLE PRODUCT MANUFACTURER

WE CARE. GIVE GREEN A CHANCE

PRODUCT CATALOGUE

WE CARE, GIVE

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A CHANCE

YOUR 100% COMPOSTABLE PRODUCT MANUFACTURER

General Enquiry: enquiry@maribumistarchtech.com | Sales Enquiry: sales@maribumistarchtech.com | Tel (Factory): +603 8723 1997 | Tel (HQ): +603 7958 5857

MARIBUMI STARCHTECH SDN. BHD. was established in 12th August 2009. We are among of Malaysia's most innovative companies that strive to be difference makers in continuously generating sustainable impact for the environment, involved in core activities centred in manufacturing 100% compostable products.

Positioned for growth at both local and global levels, we have brought together expertise compromising researchers, production team and marketers for the development and innovation of a new range of compostable plant-based products. Together, the team has shared commitment to the vision of greener alternatives for the future generation.

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PRODUCT	
CATALOGUE	

LESS PLASTIC MORE LIFE

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MARIBUMI STARCHTECH SDN. BHD. considered one of the most innovative companies in Malaysia that involved in core activities centred in manufacturing 100% compostable products.

OUR VISION is to become an industry leader in fostering sustainable environment by producing 100% Compostable Products derived from natural resources that complies with International Standard in support to **Zero-Plastic Waste** initiative worldwide. We strive to promote environmentally friendly business practices at every stage of our product lifecycle, from research and development and production to customer use and disposal.

OUR MISSIONS are:

- To inspire positive environmental change through actions and products that foster a more sustainable living for future generation.
- To continuously empower communities and organization to ignite initiative that can generate sustainable impact for the environment and reach sustainability goals. Together we will create a sustainable world.
- To provide affordable, high quality of functional strength and long shelf-life of compostable products for multipurpose application.
- To support better solid waste management by shifting focus towards the use of biodegradable and compostable products.

Moving towards zero single-use plastics are possible by pushing the limits for better, greener, and sustainable standards of living with proper awareness, education, and continuous effort in promoting the availability of eco-friendly alternatives.





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Our products are formulated from **Bio-Resin**, a raw material that derived from renewable resources, **natural plantbased** which is an annually renewable resource. Our raw material is certified as compostable that meet international standards for compostability as below: -

Our certified raw materials:

- Australia Standard AS 4736 "Biodegradable Plastics suitable for composting and other microbial treatment", certified by Australasian Bioplastics Association (ABA), Australia.
- Europe Standard EN 13432-2000 "Requirements for packaging recoverable through composting and biodegradation". certified by Din Certco, Germany.
- USA Standard ASTM D 6400:2012-01 "Standard Specification for Compostable Plastics", certified by Biodegradable Products Institute (BPI), USA.
- ISO1708:2012 Specifications for compostable plastics



Our certified finished products:

- SIRIM Eco 001:2018 License No.: EL000197. Manufactured products that complies to environmentally friendly criteria and quality processes but have also been tested against a pre-set green criterion (Malaysia National Eco Labelling Scheme).
- * MyHIJAU Mark; Certificate No.: MyHP00125/22.- Malaysia's official green recognition scheme endorsed by Government of Malaysia.



Other certifications by SIRIM QAS International Sdn. Bhd.:

YOUR 100% COMPOSTABLE PRODUCT MANUFACTURER

- * ISO 9001:2015 Quality Management System (QMS), Manufacturer of Biodegradable and Compostable Products.
- The International Certification Network (IQNET), for following scope of Manufacturer of Biodegradable and Compostable Products which fulfills ISO 9001:2015 QMS.



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We can cater to customer needs depending on the product requirements requested from the users. Our product applications may include the following: -

- Customise colours;
- Customise logo printing and logo design;
- Customise size and dimension;

Note: Some application may have limits based on the production can run. This solely for maintaining the environment practices. **Please refer our raw material **Technical Data Sheet** at Attachment A



Products: Bio-compostable Apron; Garbage bags, Multi-use cover, Shopping bags, Planter bags, etc.

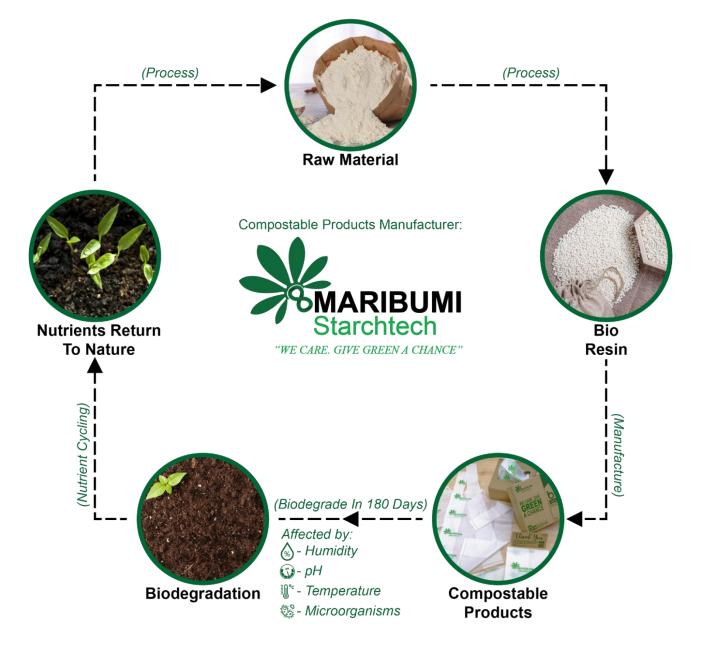
MARIBUMI STARCHTECH[™] brand is a sustainable, affordable and an environmentally friendly alternative to conventional plastic and paper bags. Our breakthrough is its cost-effective technology designed for better environmental protection. With cautious selection of **raw materials** that are renewable resources, we aim to inspire people to leave a greener legacy for our future generations with our products. Our products can **positively influence our environment** as they will take approximately within <u>180 days</u> standard to decompose depending on the composting environment without leaving harmful residues. Industrial composting is typically quicker than home composting due to the large-scale composting normally designed to handle a high volume of organic waste and the temperatures of an industrial compost. This compost is very ideal to farms and plant nurseries considering the large-scale normally required. In other words, our products are considered chemically harmless. Nevertheless, our products must be stored in a proper room temperature and best to avoid direct sunlight to maintain a long shelf life.

YOUR 100% COMPOSTABLE PRODUCT MANUFACTURER

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THE LIFE CYCLE OF MARIBUMI STARCHTECH COMPOSTABLE PRODUCTS



Our compostable products are great alternatives to most conventional plastic and petroleum plastic that took a thousand years to break down, which does not decompose into nutrients so this will also attract toxic substances that are bad to our environment while our products **biodegrade within 180 days**, depending on the composition and environmental condition our products exposed to. It can also be broken down easily in landfills or open environment, composting naturally without harming the environment which ensure non-toxicity also return back to nature.

WE CARE, GIVE

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OUR UNIQUENESS

OUR EARTH-FRIENDLY	PETROLEUM BASED
PRODUCT	PLASTIC PRODUCT
Biodegradable & Compostable	Non-Biodegradable
Renewable Resources	Non-Renewable Resources
Lower	Higher
Processing Temperature	Processing Temperature
Lower	Higher
Carbon Footprint (CO2)	Carbon Footprint (CO2)
Lower Greenhouse	Higher Greenhouse
Gas Emissions	Gas Emissions
Harmless to human,	Harmful to human
and environment	and environment



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Maribumi Starchtech aligned with the UN Sustainable Development Goals (sdgs.un.org), calling global for actions to protect the planet by aiming to make our current infrastructure more environmentally friendly:









SDG 9: Being the first manufacturer to innovate '*bio-compostable*', originated from being both biodegradable and compostable, Maribumi Starchtech has built a core group of dependable researchers, innovators, marketers and production team that specialise in promoting and developing innovative polymers of bio-compostable products. <u>Our R&D provide their expertise, conducting in-house testing and access to the latest info on bio-compostable whereby offering alternative to conventional plastics.</u>

We are strongly committed to environmentally friendly business practices at every stage of our product lifecycle from research and development, production to customer use and disposal while maintaining high quality, reliable and sustainable products.

SDG 12: At Maribumi Starchtech, the production of bio-compostable products significantly <u>produces zero</u> <u>greenhouse emissions</u> and <u>consume less amount of energy</u> or <u>low electricity consumption of production</u> than conventional plastics hence, reducing the environmental impact.

SDG 13: The contribution to the climate action is heavily dependent on <u>Maribumi Starchtech Green</u> <u>Communities' social commitment in raising public awareness about the plastics pollution</u> and actively organising campaign for cleanup project, as well as gaining support from the local environmental communities. Obtaining SIRIM Eco-Label Mark and testing report from authorised body is a gateway to get local recognition and trust from public to start <u>shifting from conventional plastics to bio-compostable</u>.

SDG 14: The continual global warming such as <u>ocean plastic pollution</u> is an emerging threat and putting risk to coral reefs and marine life. Due to <u>wrong disposal of plastics</u>, this is a major cause of <u>marine pollution</u>. Maribumi Starchtech is determined to run <u>campaigns on the effects of conventional plastics use on the seas</u> <u>and oceans</u> as well as engaging every state to clean up a local river, seaside or an ocean which most polluted with trash and plastic waste.

YOUR 100% COMPOSTABLE PRODUCT MANUFACTURER

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COMPOSTABLE BIN LINER

RIBUM



PRODUCT DESCRIPTION

In the right environment, our compostable garbage bag is designed to turn into compost within 180 days. They still offer proven strength and tear resistance while remaining earthfriendly.



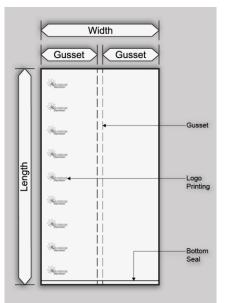
RAW MATERIAL

Bio-resin, derived from renewable resources which can be decomposed within 180 days once exposed to the environment.



SUGGESTED APPLICATION

Residential use, Kitchen, Pantry, Hotel, Bars, Restaurant, School, Food & Beverage Industry, Public Places, Office, Industrial use, or Government Use



TECHNICAL SPECIFICATION FOR COMPOSTABLE BIN LINER

Size	S	L		
Model No.	BL 1334	BL 1354	BL 1455	
Dimension (mm / inches) **(Width x Length)	455mm x 535mm560mm x 840mm710mm x 915mm(18inch x 21inch)(22inch x 33inch)(28inch x 36inch)			
Gusset (mm / inches)	230mm (9.0inch)	280mm (11.0inch)	350mm (14.0inch)	
***Thickness (microns)	30	30	40	
Packaging (per pack)	S	ubject to customer's demar	nd	
Product Type	Bio-compostable Product			
Product Colour	Natural / Orange / Brown / Blue / Black (We accept customized; according to customer's demand)			
Printing	Subject to customer's demand (Specified model number above is applicable to the standard printing design)			
Shelf Life	12-24 months from the manufacturing date, provided proper handling and storage at a suitable temperature. Once the packaging is opened, degradation may commence within 180 days.			
Storage	Store the products in a dry environment (temperature below 40°C, humidity below 60%), and avoid direct sunlight. It is advisable to utilise the products within 1 year for optimal quality. Always store the products in the box with the included silica gel.			
*The product illustration is for	included silica gel.			

*The product illustration is for reference purpose only; actual product may vary due to product enhancement.

**The product dimension may be varied about \pm 0.5inch for width, length, and gusset.

*** The product thickness may be varied about ± 3.0microns.





COMPOSTABLE SINGLET BAG

ARIBUMI

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PRODUCT DESCRIPTION

Our compostable singlet bag has good tear resistance, good moisture barrier properties, strong and sturdy, stores and works well, and stronger seal at bottom.



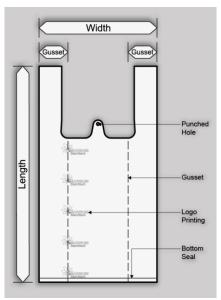
RAW MATERIAL

Bio-resin, derived from renewable resources which can be decomposed within 180 days once exposed to the environment.



SUGGESTED APPLICATION

Commercial use; Supermarket, Hypermarket, Grocery, Restaurant, Hawker stall, Café, or Food takeaways.



TECHNICAL SPECIFICATION FOR COMPOSTABLE SINGLET BAG

Size	S	М	L	
Model No.	SB 1323	SB 1434		
Dimension (mm / inches) **(Width x Length)	305mm x 380mm380mm x 455mm455mm x 535mm(12inch x 15inch)(15inch x 18inch)(18inch x 21inch)			
Gusset (mm / inches)	150mm (6.0inch)	200mm (8.0inch)	250mm (10.0inch)	
***Thickness (microns)	30	30	40	
Packaging (per pack)	Subject to customer's demand			
Product Type	Bio-compostable Product			
Product Colour	Natural (We accept customized; according to customer's demand)			
Printing	Subject to customer's demand (Specified model number above is applicable to the standard printing design)			
Shelf Life	12-24 months from the manufacturing date, provided proper handling and storage at a suitable temperature. Once the packaging is opened, degradation may commence within 180 days.			
Storage	Store the products in a dry environment (temperature below 40°C, humidity below 60%), and avoid direct sunlight. It is advisable to utilise the products within 1 year for optimal quality. Always store the products in the box with the included silica gel.			

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*** The product thickness may be varied about \pm 3.0microns.





COMPOSTABLE MERCHANDISE BAG



PRODUCT DESCRIPTION

Our compostable merchandise bag can be customized according to your plastic bag requirements. Choose the size, colour and printing to create the image you want for your retail store.



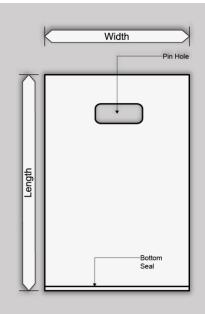
RAW MATERIAL

Bio-resin, derived from renewable resources which can be decomposed within 180 days once exposed to the environment.



SUGGESTED APPLICATION

Perfect for lightweight items; Stationary, Candies / Treats, Presents, Gifts, Jewellery, Clothing, Fashion, Accessories, Personal use.



RIBUM

TECHNICAL SPECIFICATION FOR COMPOSTABLE MERCHANDISE BAG

Size	S M L				
Model No.	MB 4323	MB 4323 MB 4333			
Dimension (mm / inches) **(Width x Length)	305mm x 380mm (12inch x 15inch)				
Gusset (mm / inches)	-	-	-		
***Thickness (microns)	30	30	40		
Packaging (per pack)	S	ubject to customer's demar	nd		
Product Type	Bio-compostable Product				
Product Colour	Natural (We accept customized; according to customer's demand)				
Printing	Subject to customer's demand (Specified model number above is applicable to the standard printing design)				
Shelf Life	12-24 months from the manufacturing date, provided proper handling and storage at a suitable temperature. Once the packaging is opened, degradation may commence within 180 days.				
Storage	Store the products in a dry environment (temperature below 40°C, humidity below 60%), and avoid direct sunlight. It is advisable to utilise the products within 1 year for optimal quality. Always store the products in the box with the included silica gel.				

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*** The product thickness may be varied about \pm 3.0microns.





COMPOSTABLE LAUNDRY BAG

RIBUM



PRODUCT DESCRIPTION

These earth friendly laundry bags can be customized in sizes, colours and printing logo depending on customer's requirements.



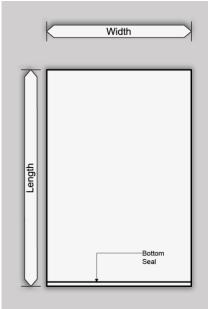
RAW MATERIAL

Bio-resin, derived from renewable resources which can be decomposed within 180 days once exposed to the environment.



SUGGESTED APPLICATION

Residential use, Hotel, Bars, Restaurant, School, Food & Beverage Industry, Public Places, Industrial use, or Government Use



TECHNICAL SPECIFICATION FOR COMPOSTABLE LAUNDRY BAG

Size	S	L		
Model No.	LB 4553	LB 4654		
Dimension (mm / inches) **(Width x Length)	560mm x 840mm (22inch x 33inch)	560mm x 915mm (22inch x 36inch)		
Gusset (mm / inches)	-	-		
***Thickness (microns)	45	55		
Packaging (per pack)	Subject to customer's demand			
Product Type	Bio-compostable Product			
Product Colour	Natural (We accept customized; according to customer's demand)			
Printing	Subject to customer's demand			
Shelf Life	12-24 months from the manufacturing date, provided proper handling and storage at a suitable temperature. Once the packaging is opened, degradation may commence within 180 days.			
Storage	Store the products in a dry environment (temperature below 40°C, humidity below 60%), and avoid direct sunlight. It is advisable to utilise the products within 1 year for optimal quality. Always store the products in the box with the included silica gel.			

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*** The product thickness may be varied about \pm 3.0microns.





COMPOSTABLE GARMENT BAG

RIBUM



PRODUCT DESCRIPTION

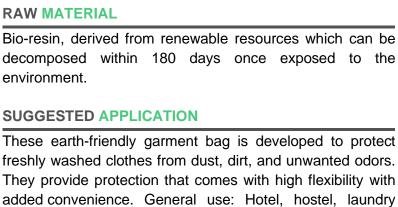
Our compostable garment bag can stand the effects of tearing, flexible, clear, protect clothes from dust, dirt, and smells by hanging the inside with hanger.

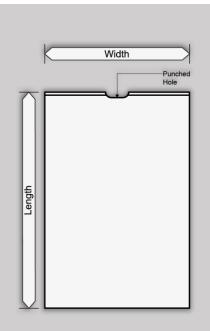


RAW MATERIAL

services and household.

Bio-resin, derived from renewable resources which can be decomposed within 180 days once exposed to the environment.





TECHNICAL SPECIFICATION FOR COMPOSTABLE GARMENT BAG

Size	S M L			
Model No.	GB 4244	GB 4354	GB 4384	
Dimension (mm / inches) **(Width x Length)	508mm x 785mm508mm x 990mm508mm x 1,495mm(20.0inch x 31.0inch)(20.0inch x 39.0inch)(20.0inch x 59.0inch)			
Gusset (mm / inches)	-	-	-	
***Thickness (microns)	20	25	25	
Packaging (per pack)	Subject to customer's demand			
Product Type	Bio-compostable Product			
Product Colour	Natural (We accept customized; according to customer's demand)			
Printing	Subject to customer's demand			
Shelf Life	12-24 months from the manufacturing date, provided proper handling and storage at a suitable temperature. Once the packaging is opened, degradation may commence within 180 days.			
Storage	Store the products in a dry environment (temperature below 40°C, humidity below 60%), and avoid direct sunlight. It is advisable to utilise the products within 1 year for optimal quality. Always store the products in the box with the included silica gel.			

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*** The product thickness may be varied about \pm 3.0microns.

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LESS PLASTIC MORE LIFE

COMPOSTABLE PLANTER BAG

RIBUM



PRODUCT DESCRIPTION

Our bio-planter bag makes the planting job done so quickly; It may not necessarily require to remove the bag, placing a new layer make it easier since they are compostable. A sustainable alternative to plastic nursery bags which ensure non-toxicity to the environment.



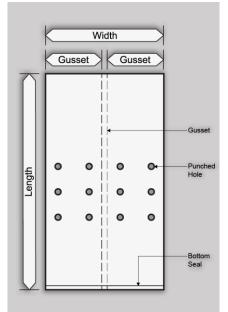
RAW MATERIAL

Bio-resin, derived from renewable resources which can be decomposed within 180 days once exposed to the environment.



SUGGESTED APPLICATION

- Seedling Bag for Pre-Nursery Stage
- Cultivation of vegetables.
- Indoor and outdoor specifically for small plants



TECHNICAL SPECIFICATION FOR COMPOSTABLE PLANTER BAG

Size	Х	S	S	М	L
Model No.	-	NB 2822-5A	NB 2822-5	-	-
Dimension (mm / inches) **(Width x Length)	-	165 x 228 (6.5" x 9")	203 x 203 (8" x 8")	Coming soon	Coming soon
Gusset (mm / inches)	-	88.9mm (3.5inch)	76mm (3.0 inch)	-	-
***Thickness (microns)	-	80	80	-	-
Product Colour	Dark Green (We accept customized; according to customer's demand)				
Packaging (per pack)	Subject to customer's demand				
Product Type	Bio-compostable Product				
Printing	Subject to customer's demand				
Shelf Life	12-24 months from the manufacturing date, provided proper handling and storage at a suitable temperature. Once the packaging is opened, degradation may commence within 180 days.				
Storage	Store the products in a dry environment (temperature below 40°C, humidity below 60%), and avoid direct sunlight. It is advisable to utilise the products within 1 year for optimal quality. Always store the products in the box with the included silica gel.				
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*** The product thickness may be varied about \pm 3.0microns.



CLESS PLASTIC MORE LIFE

COMPOSTABLE SLEEVELESS APRON



PRODUCT DESCRIPTION

Our compostable sleeveless apron is ideally for economical way to prevent body and clothing from contact with dust particles, dirt, and liquid.



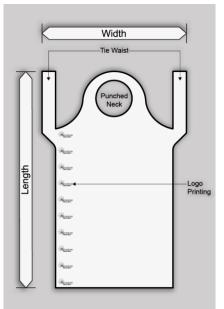
RAW MATERIAL

Bio-resin, derived from renewable resources which can be decomposed within 180 days once exposed to the environment.



SUGGESTED APPLICATION

Kitchen use, Barbecue, Barber / Hair Salon, Massage Centre, Pedicure / Manicure Salon, Clinic / Lab / Healthcare, Hospitality, Gardening, Food Industry, Housekeeping.



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TECHNICAL SPECIFICATION FOR COMPOSTABLE SLEEVELESS APRON

Size	S		Ι	Ν	I	-
Туре	Light Duty	Heavy Duty	Light Duty	Heavy Duty	Light Duty	Heavy Duty
Model No.	AP-LD- 3366	AP-HD- 3476	AP-LD- 3376	AP-HD- 3486	AP-LD- 3377	AP-HD- 3487
Dimension (mm / inches) **(Width x Length)	760 x 1200 (30" x 47")	760 x 1400 (30" x 55")	860 x 1300 (34" x 51")	860 x 1500 (34" x 59")	960 x 1400 (38" x 55")	960 x 1600 (38" x 63")
***Thickness (microns)	30	40	30	40	30	40
Packaging (per pack)		Subject to customer's demand				
Product Type		Bio-compostable Product				
Product Colour		Natural (We accept customized; according to customer's demand)				
Printing		Subject to customer's demand (Specified model number above is applicable to the standard printing design))	
Shelf Life	12-24 months from the manufacturing date, provided proper handling and storage at a suitable temperature. Once the packaging is opened, degradation may commence within 180 days.					
Storage	60%), and av	Store the products in a dry environment (temperature below 40°C, humidity below 60%), and avoid direct sunlight. It is advisable to utilise the products within 1 year for optimal quality. Always store the products in the box with the included silica gel.				

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*** The product thickness may be varied about \pm 3.0microns.



CLESS PLASTIC MORE LIFE

COMPOSTABLE CLINICAL WASTE BAG



PRODUCT DESCRIPTION

This bio-product is applicable for infectious waste, including medicine contaminated infectious waste. This waste must be sent for incineration (with energy from waste).



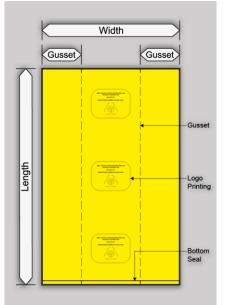
RAW MATERIAL

Bio-resin, derived from renewable resources which can be decomposed within 180 days once exposed to the environment.



SUGGESTED APPLICATION

Suitable for clinical waste; PPE, wipes, dressings, plasters and bandages, incontinence waste, empty saline or glucose IV bags, lines, and tubing (no active medicines added).



RIBUM

TECHNICAL SPECIFICATION FOR COMPOSTABLE CLINICAL WASTE BAG

Size	L
Model No.	CW 1244-4
Dimension (mm / inches) **(Width x Length)	705mm x 705mm (27.5inch x 27.5inch)
Gusset (mm / inches)	230mm (9.0inch)
***Thickness (microns)	55, 65
Packaging (per pack)	Subject to customer's demand
Product Type	Bio-compostable Product
Product Colour	Standard Yellow Colour (We accept customized; according to customer's demand)
Printing	Bio-Hazard Symbol with information of waste disposal method. (Additional printing info can be customized according to customer's demand)
Shelf Life	12-24 months from the manufacturing date, provided proper handling and storage at a suitable temperature. Once the packaging is opened, degradation may commence within 180 days.
Storage	Store the products in a dry environment (temperature below 40°C, humidity below 60%), and avoid direct sunlight. It is advisable to utilise the products within 1 year for optimal quality. Always store the products in the box with the included silica gel.

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*** The product thickness may be varied about \pm 3.0microns.





COMPOSTABLE MULTI USE COVER

RIBUM

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PRODUCT DESCRIPTION

Our earth-friendly multi-use covers are good tear resistance, transparent, good moisture barrier, flexible material, smooth texture, and noiseless.



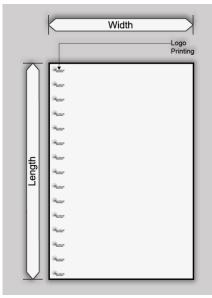
RAW MATERIAL

Bio-resin, derived from renewable resources which can be decomposed within 180 days once exposed to the environment.



SUGGESTED APPLICATION

Suitable for covering for hotel buffet table, outdoor meal, camping or picnicking on the beach, or furniture / machine / equipment protection covering.



TECHNICAL SPECIFICATION FOR COMPOSTABLE MULTI USE COVER

Size	U
Model No.	MUC 3397
Dimension (mm / inches) **(Width x Length)	1000mm x 1800mm (39.5inch x 71.0inch)
Gusset (mm / inches)	-
***Thickness (microns)	25
Packaging (per pack)	Subject to customer's demand
Product Type	Bio-compostable Product
Product Colour	Natural (We accept customized; according to customer's demand)
Printing	Subject to customer's demand (Specified model number above is applicable to the standard printing design)
Shelf Life	12-24 months from the manufacturing date, provided proper handling and storage at a suitable temperature. Once the packaging is opened, degradation may commence within 180 days.
Storage	Store the products in a dry environment (temperature below 40°C, humidity below 60%), and avoid direct sunlight. It is advisable to utilise the products within 1 year for optimal quality. Always store the products in the box with the included silica gel.

*The product illustration is for reference purpose only; actual product may vary due to product enhancement.

**The product dimension may be varied about \pm 0.5inch for width, length, and gusset.

*** The product thickness may be varied about \pm 3.0microns.



COMPOSTABLE HAIRDRESSING CLOTH COVER



PRODUCT DESCRIPTION

Our earth-friendly hairdressing cloth cover only available in universal size. This product is water and tear resistant, with one punched neck opening, flexible and easy to stretch.



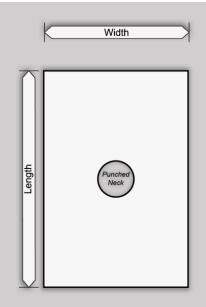
RAW MATERIAL

Bio-resin, derived from renewable resources which can be decomposed within 180 days once exposed to the environment.



SUGGESTED APPLICATION

Salon Hair Cut, Beauty Salon, Hairdressing Barber Shop, Home use, Camping, Barbeque, and any other purposes extensive.



RIBUM

TECHNICAL SPECIFICATION FOR COMPOSTABLE HAIRDRESSING CLOTH

Size	U
Model No.	HCC 4397
Dimension (mm / inches) **(Width x Length)	1000mm x 1800mm (39.5inch x 71.0inch)
Gusset (mm / inches)	-
***Thickness (microns)	25
Packaging (per pack)	Subject to customer's demand
Product Type	Bio-compostable Product
Product Colour	Natural (We accept customized; according to customer's demand)
Printing	Subject to customer's demand (Specified model number above is applicable to the standard printing design)
Shelf Life	12-24 months from the manufacturing date, provided proper handling and storage at a suitable temperature. Once the packaging is opened, degradation may commence within 180 days.
Storage	Store the products in a dry environment (temperature below 40°C, humidity below 60%), and avoid direct sunlight. It is advisable to utilise the products within 1 year for optimal quality. Always store the products in the box with the included silica gel.

*The product illustration is for reference purpose only; actual product may vary due to product enhancement.

**The product dimension may be varied about \pm 0.5inch for width, length, and gusset.

*** The product thickness may be varied about \pm 3.0microns.



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YOUR 100% COMPOSTABLE PRODUCT MANUFACTURER

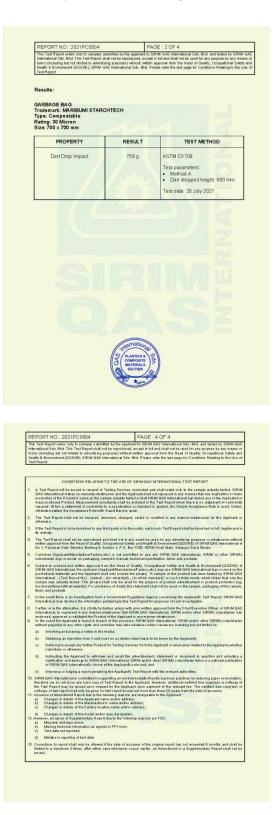
General Enquiry: enquiry@maribumistarchtech.com | Sales Enquiry: sales@maribumistarchtech.com | Tel (Factory): +603 8723 1997 | Tel (HQ): +603 7958 5857

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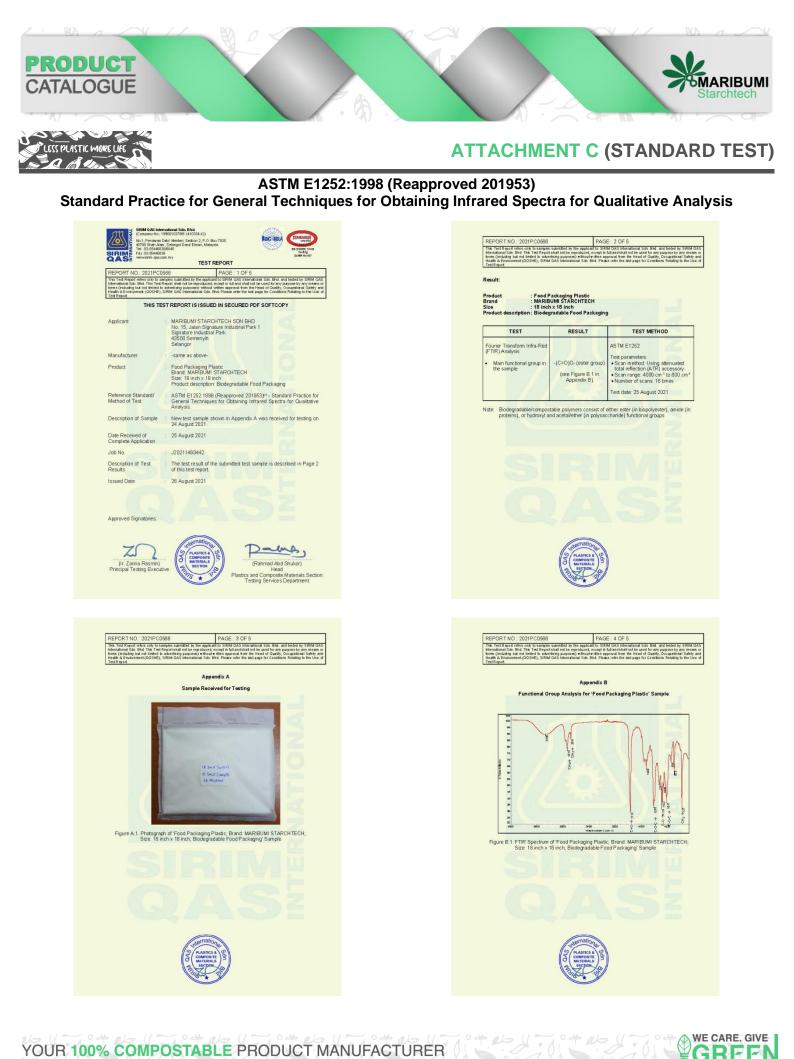
ASTM D1709:2016 Standard Test Methods for Impact Resistance of Plastics Film by the Free-Falling Dart Method

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REPORT NO.: 2021PC0 This Test Report refers only to se International Sch. Bhd. This Test forms (including but not limited to Health & Environment (GOSHE), Test Report.	$\begin{array}{l} PAGE: 1 0 \Gamma 6 \ 4 \\ exclede submitted by the applicant 50 RMM OAS international SMI. Bind, and tested by SIRIM OA Repeated and the the reproduced, except in LM and shift of the reproduced, except in LM and shift of the reproduced submitting suppose) when the Heat approximate the reproduced submitting suppose) when the Heat approximate the reproduced submitting suppose) when the Heat approximate the reproduced submitting approximate the reproduced submitting suppose) when the Heat approximate the reproduced submitting suppose and the reproduced submitting suppose). The reproduced submitting suppose is the two the reproduced submitting suppose in the Heat approximate the reproduced submitting suppose is the Use of the Use of the Rest submitting to the Use of the Rest submitting suppose is the Rest submitting suppose is the Use of the Rest submitting suppose is the Use of the Rest submitting suppose is the Rest submitting suppose is the Rest submitting suppose is the Use of the Rest suppose is the Rest submitting suppose is the Rest submitting suppose is the Use of the Rest submitting suppose is the Use of the Rest submitting suppose is the Rest submitting suppose is the Rest submitting suppose is the Rest suppose $
THIS TE	ST REPORT IS ISSUED IN SECURED PDF SOFTCOPY
Applicant	: MARRIUMI STAPCHTECH SDN BHD No. 15, Jaka Signature Industrial Park 1 Signature Industrial Park 43500 Semenyih Selangor
Manufacturer Product	: - same as above - : GARBAGE BAG Trademark MARIBUMI STARCHTECH Type: Composibile Rating: 30 Micron Size: 700 - 700 mm
Reference Standard/ Method of Test	ASTM D1709: 2016 - Standard Test Methods for Impact Resistance of Plastic Film by the Free-Falling Dart Method
Description of Sample	: Ten (10) pieces of plastic bag sample indicated above were received for testing on 22 July 2021. Photograph of the sample is shown in Appendix A.
Date Received of Complete Application	: 22 July 2021
	: J20211460368
Description of Test Results	The test result of the submitted test sample is described in Page 2 of this test report.
Issued Date	: 26 July 2021
Approved Signatories.	
(Nomaizura Zakaria) Testing Executive	(Rahmad Abd Shuko) Heat Shuke (Rahmad Abd Shuke (Rahma
Testing Executive	Plastics and Composite Materials Section Testing Services Department
Testing Executive REPORT NO : 2021PCC This Fet Report memory to a International Sch. Bhd. This Test	Plastics and Composite Materials Sector Testing Services Department
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Testing Executive REPORT NO : 2021PCC This Test Report memory to a International Sale, Biol, This Test Heath S Environment (GodRe,)	Pace: 3 OF 4 Pace: 3
Testing Executive	Pace: 3 OF 4 Pace: 3

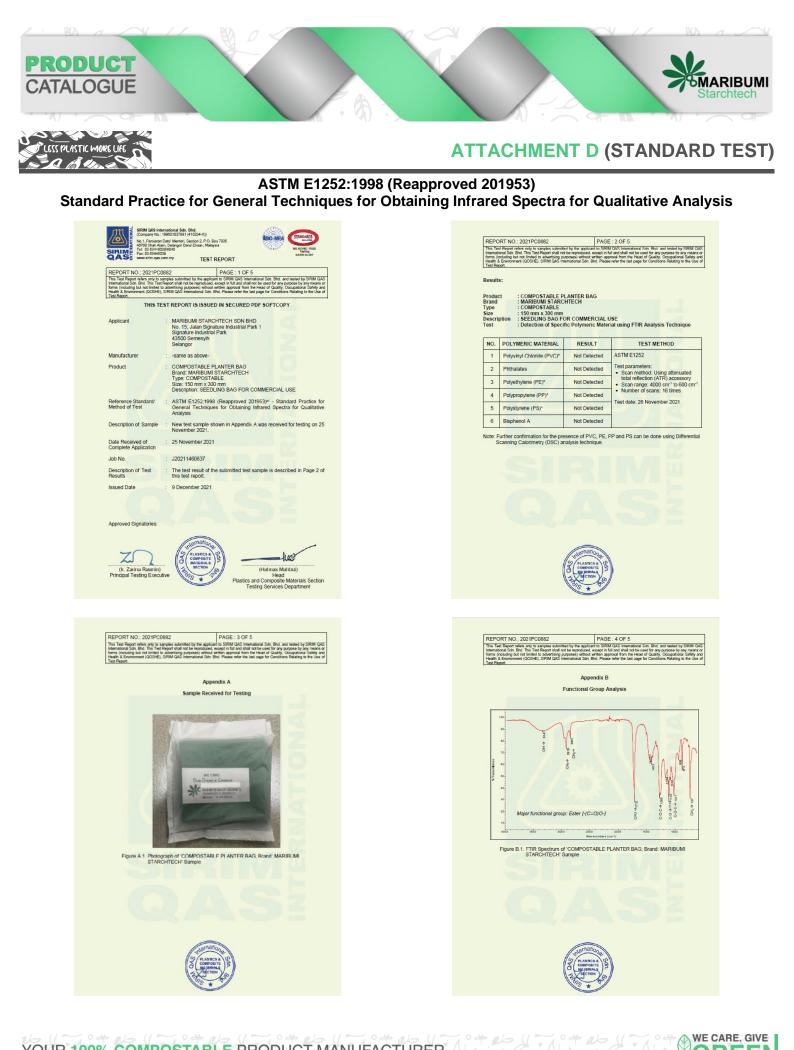


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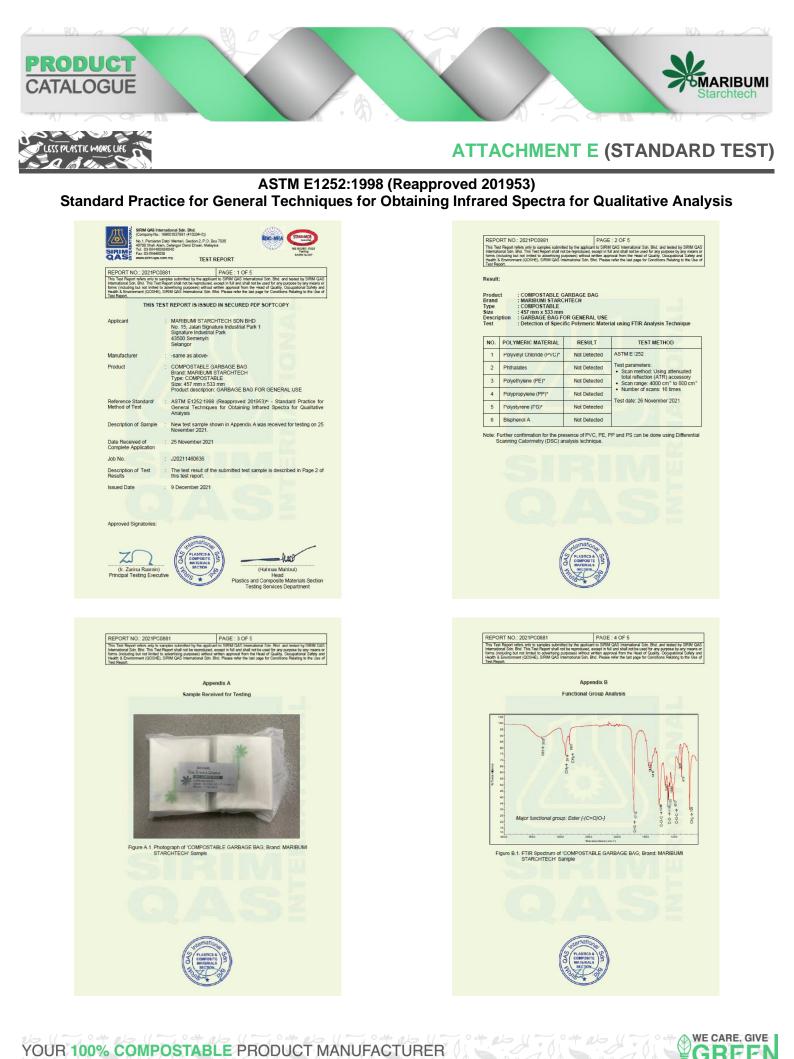




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Manufacturer office; (603) 8723 1997 Sales Gallery Office: (603) 83094404 sales@maribumistarchtech.com enquiry@maribumistarchtech.com

Manufacturer office: No. 22A. Jalan Hi-Tech 7/3. Hitech 7 Industrial Park, 43500, Semenyih, Selangor



Sales Gallery Office: Unit L-03-03A, 3rd Floor, Conezion Commercial, Persiaran IRC 3, IOI Resort City, 62502 Putrajaya, Sepang, Selangor Darul Ehsan Selangor MY



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