



# Think inside the box!

# Keep Your Products Safe!



## THE STORY

We are a knowledge-based provider backed by scientists, engineers and industry experts. We work with a conscious commitment to always do the right thing and we deliver what we promise. We provide our customers with revolutionary solutions that make them win and we share in the value created. That is why we have developed various cushioning systems with emphasis on sustainability.

Our paper based, corn starch based biodegradable and recyclable plastic films bases AER cushioning products provide a one stop solution to the industry. Fillezy Rapid, Fillezy Paper Smart machines are very compact, durable, fast and quiet devices. It also has a patent pending temperature control system and is extremely easy to use. We believe there is no better machine in the market and are confident of establishing our place in the industry.

At Fillezy we are totally vertically integrated and provide solutions at the best price possible, providing on-demand AER pillows to streamline your shipping operations and reduce costs. We can then supply film through our nominated suppliers significantly cheaper than all our competitors. We work with carefully selected specialized partners across Europe, Asia and North America and in 45 countries globally who have in depth knowledge, training and expertise to help you choose the right product.

## YOUR ADVANTAGE

Fillezy is a leading manufacturer of a complete range of void fill and cushioning solutions that have proven to prevent damages up to 100%. We have different solutions for light, medium and heavy duty products for you to choose from.

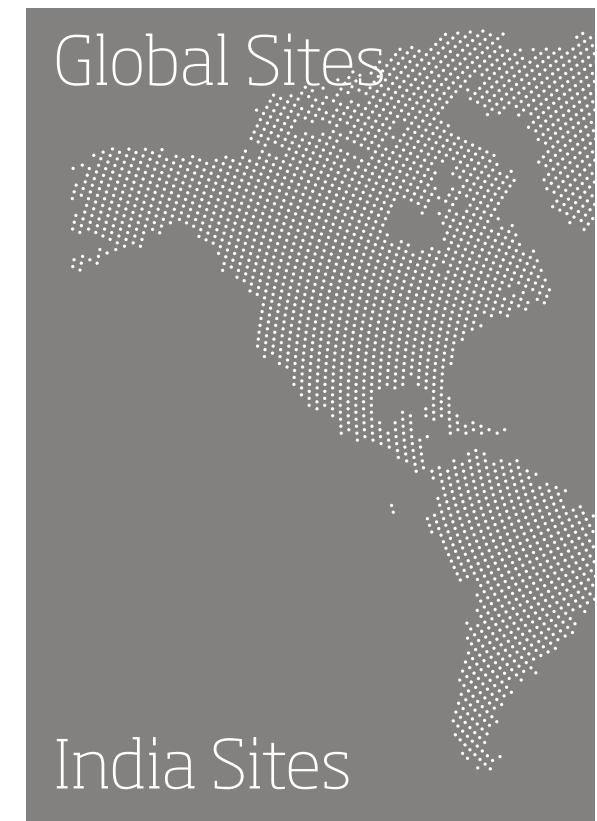
We are a 40 year old Group and is the most renowned and reliable manufacturer of Void Fill solutions. We serve a network of partners distributors across the globe.

By investing in new technologies, Research and Development programmes to improve performance, we strive to deliver the right product at the right price and bring delight to customers.



California, USA

## Global Sites



## India Sites

Delhi, NCR Corporate Office





Lyon, France



Dubai



Italy



Germany



Group Turnover - \$82 million

## HI-TECH GROUP

In house machine manufacturing and design capability

12000 MT per annum film manufacturing capacity

1150 Team Members Globally

140+ Sales and Service Managers

24 x 7 Office and Online Support

7 manufacturing plants

Delhi, NCR



Delhi, NCR



Mumbai



Chennai



# OUR CLIENTS



Bath & Body Works





## FILLEZY PACKAGING SOLUTIONS

  $\geq 50\%$

**50% cheaper to use compared to normal bubbles**

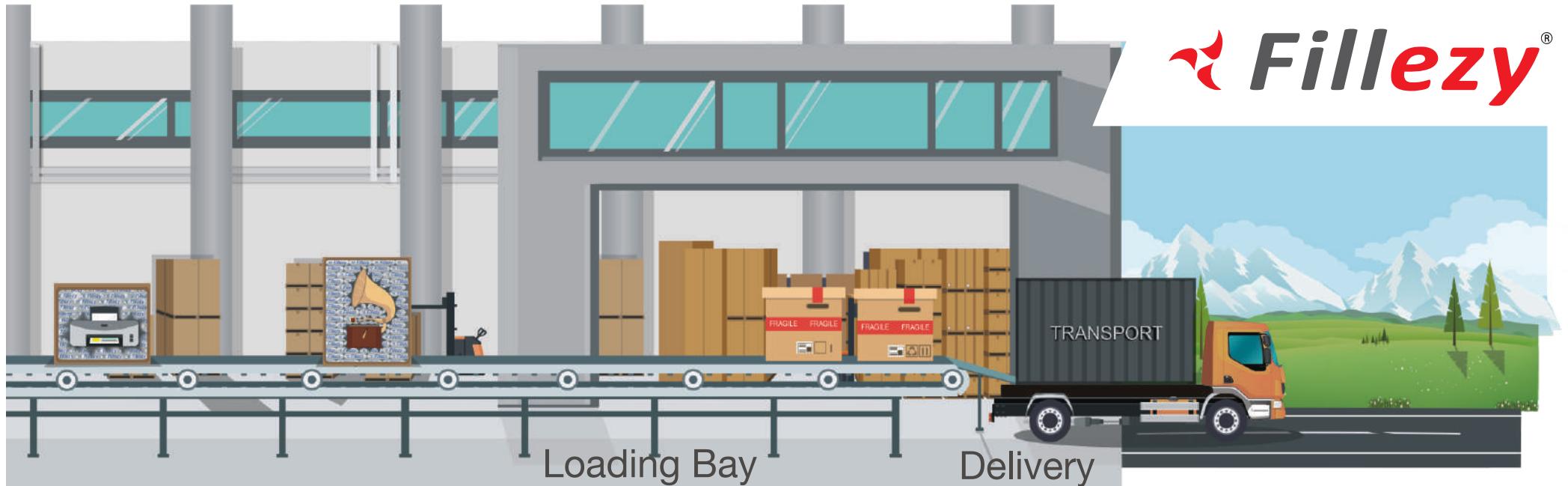
Cost Vs Value comparison can be evaluated on the very fact that a **single wrap** of Fillezy Bubble offers much higher cushioning than **3-4 wraps** of a normal bubble when used on the same product.



3-4 wraps needed in  
normal bubble



Single Wrap needed in  
Fillezy



### 90% floor space saving

1 roll of AER Cushions expands to blow almost a mini truck load of AER cushions & 10 rolls can blow as much a full container load.



WAREHOUSE  
SPACE SAVING

$\geq 90\%$

Don't waste your precious warehousing space to store conventional type bubbles.



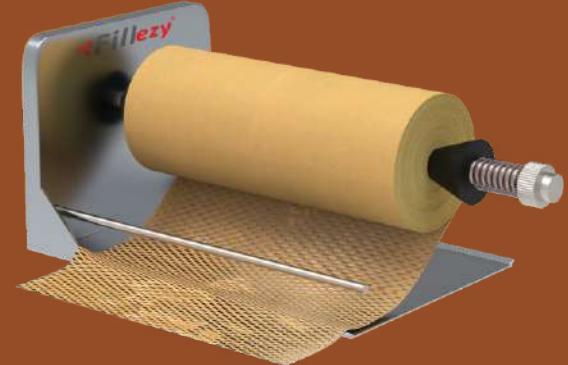
### Reduced damages upto 100%

With an innovative technology, Fillezy protective packaging ensures safety of your products during transit. Our practice of auditing the product packing and offering suitable solutions helps **reduce transit damages upto 100%**. We make sure you have a happy customer !



# HEXA PAPER MACHINE

## WRAP YOUR PRODUCTS PERFECTLY WITH HEXA PAPER and Say no to Damages



The Hexa paper is a honeycomb shaped 3D paper for wrapping fragile goods. You can simply tear off a piece and wrap it securely around your product!.

It interlocks itself and provides cushioning, abrasion resistance ensuring protection from damages. It is made from recycled paper with another variant which is FSC compliant paper.



PROTECTIVE



2X BETTER CUSHIONING



100% ECO-FRIENDLY



60% LESS COSTLY THAN PLASTIC BUBBLE

### PAPER PADS



### SPECS

Weight	90 gsm
Width	upto 600mm
Length of roll	250 mtr.
Burst Factor	30-40
Colour	Brown, White, Red or Black
Expanded roll length	420 mtr.
Core	2 inches

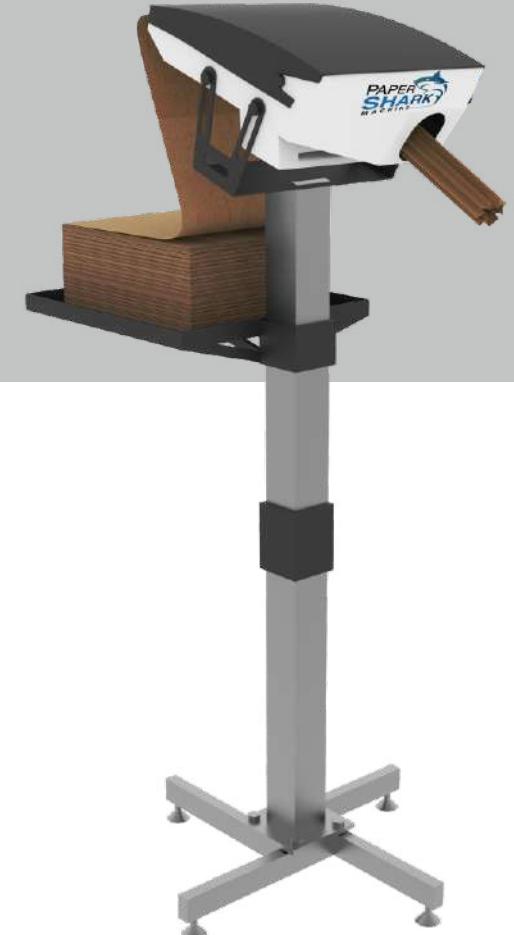
Free Dispenser with 100 rolls \*

### FEATURES

FSC Compliant	<input checked="" type="checkbox"/>
Eco-Friendly	<input checked="" type="checkbox"/>
Compostable	<input checked="" type="checkbox"/>
Anti Corrosion Paper	<input checked="" type="checkbox"/>
CO <sub>2</sub> reduction 70%	<input checked="" type="checkbox"/>
Degradable	<input checked="" type="checkbox"/>
Pollution Control Board (IN)	<input checked="" type="checkbox"/>



## MAKES PROTECTIVE MATERIAL OUT OF PAPER



- Paper shark machine dispenses 100% recyclable and compostable paper.
- Runs effectively at 50-150 mtr. per minute.
- Paper shark machine is the fastest method for void space filling.
- It is very systematic and highspeed application.
- Paper shark save your transmit damages.
- Change to environmentally friendly options and it cost to half of what you pay for the bubbles.
- Pre perforation paper that can be turn easily .



PROTECTIVE



100% ECO-FRIENDLY



PRE PERFORATED PAPER

## APPLICATIONS



## SPECS

Dimension (L x W x H)	621x621x1500mm.
Color	Brown Kraft Paper
Power Consumption	200-230V.
Productivity	50-150 m/min.
Weight	20 kg

Free Machine with 200 Bundles & Paper

## FEATURES

Custom Size	<input checked="" type="checkbox"/>
Eco-Friendly	<input checked="" type="checkbox"/>
Instant Start	<input checked="" type="checkbox"/>
Compostable	<input checked="" type="checkbox"/>
Integrations (bins & conveyors)	<input checked="" type="checkbox"/>
CO <sub>2</sub> reduction 70%	<input checked="" type="checkbox"/>
Degradable	<input checked="" type="checkbox"/>
Pollution Control Board (IN)	<input checked="" type="checkbox"/>

# ECO MACHINE

## MAKES PROTECTIVE MATERIAL OUT OF PAPER



- An effective way to fill empty space in a box to prevent your product from moving & getting damaged.
- Fillezy paper packaging material is efficient, reliable and flexible.
- The simple design of the Fillezy Eco machine avoids hand crumpling of paper.
- No electricity is needed allowing the eco machine to be placed in any packing environment.
- It requires minimal space and easily integrates into any packing environment.
- Only requires a small area for set up and storage.
- Pre-perforated paper that can be torn easily.
- Easy to install frame design can be placed at any pack station.
- Manual pulling and dispensing.

### APPLICATIONS



### SPECS

Dimension (L x W x H)	621x621x1500mm.
Color	White Black
Power Consumption	200-230V.
Productivity	25 m/min.
Weight	20 kg

### FEATURES

Custom Size	<input checked="" type="checkbox"/>
Eco-Friendly	<input checked="" type="checkbox"/>
Instant Start	<input checked="" type="checkbox"/>
Compostable	<input checked="" type="checkbox"/>
Anti Corrosion Paper	<input checked="" type="checkbox"/>
CO <sub>2</sub> reduction 70%	<input checked="" type="checkbox"/>
Degradable	<input checked="" type="checkbox"/>
Pollution Control Board (IN)	<input checked="" type="checkbox"/>
Integrations (bins & conveyors)	<input checked="" type="checkbox"/>

# PAPER-SMART MACHINE

Fillezy Paper Smart machine makes paper pads for high commercial production of cushioning applications. The machine is capable of manufacturing paper pads at your site without having to transport or store void filling materials. The production suffices all the needs from the cushioning, packing, positioning and filling. It is ideal for packing applications where there is a need for heavy duty cushioning combined with environment protection.

## ADVANTAGES

Cost saving--- in material, storage, manpower; while increasing the efficiency of packaging;

Flexible --- a material that can meet all the needs of carton packaging

Environmentally----friendly 100% biodegradable, recyclable, renewable use

Excellent vibration performance - Fast, ergonomic, adaptable, user-friendly and mobile.

## PAPER PADS



ECO - FRIENDLY  
RECYCLED PAPER



NOT ECO-FRIENDLY  
PLASTIC WASTE



NOT ECO-FRIENDLY  
STYROFOAM WASTE

## SPECS

L x W x H	0.7 x 0.9 x 1.4 mtr
Weight	100 - 115 kgs
Power Supply	220 V / 50 Hz / 16 Amp
Speed	22 mtrs per minute
Programs	Multiple
Paper	Twin Ply
Service	24 x 7 WhatsApp Video 80 Sales Managers across India 45 countries worldwide
Warranty	5 years
Ease of operation	Digital Display
Machine Construction	Aluminum MS/SS
Variants	Paper Pads
Width of Pads	5 inches
Height of Pads	50-75 mm

## FEATURES

Pad Count	<input checked="" type="checkbox"/>
Meter Count	<input checked="" type="checkbox"/>
Custom Size	<input checked="" type="checkbox"/>
Instant Start	<input checked="" type="checkbox"/>
Blade Cutter	<input checked="" type="checkbox"/>
Anti Corrosion Paper	<input checked="" type="checkbox"/>
Compostable	<input checked="" type="checkbox"/>
Degradable	<input checked="" type="checkbox"/>
CO <sub>2</sub> reduction 70%	<input checked="" type="checkbox"/>
Pollution Control Board (IN)	<input checked="" type="checkbox"/>
CE Approval	<input checked="" type="checkbox"/>
Integrations (bins & conveyors)	<input checked="" type="checkbox"/>



# PAPER- SMART PADS

biodegradable  
compostable



## PAPER PADS

Fillezy Smart Pads gives maximum void fill with less use of Paper. The unique paper quality of Padding gives crumpled paper pads that provides exceptional shock absorption.

Smart pads can be used to pack products ranging from light to heavy weight products inside of corrugated box. The high quality paper padding is flexible and can be used with different lengths that may be required with the help of online cutting system

## MY USAGE

Electronics

Multiple Products

Heavy Parts



# WHY FILLEZY BUBBLES ARE CHEAPER!

**100% recyclable  
Oxo Bio Degradable**



Type	Normal Bubble	Fillezy Bubble
Approx cost per Sqm	\$0.045/mtr or Rs 3.10/mtr	\$0.12/mtr or Rs 9/mtr
No of Wraps	4	1.5
Gsm	60 gsm	50 gsm
Length Required	400mm x 2 mtr	400mm x 0.6 mtr
Cost per pc	\$0.09/pc or Rs 6.20/pc	\$0.07/ pc or Rs 5.40/pc
Thickness	5 mm	40 mm



Savings  
**25%**

Thickness  
**8 X**

Space Saving  
**80%**

Damages  
**0%**

# RAPID MACHINE

## RAPID WITH PLASTIC CUSHIONS



Rapid is a Revolutionary Universal & versatile device capable of producing different variants of AER Cushioning products. It can produce seal and fill AER in a range of films types and paper cushions. Rapid can easily work on large range of film thickness ranging from 15, 22, 35 & 50 microns and width from **200mm to 800 mm**. Rapid's new feature to produce paper cushions has now been integrated in the machine to allow users produce our **Eco-friendly** products with the same speed and efficiency as earlier.

Rapid is **CE** approved device which is assembled in India under the technical collaboration of our US partners. Rapid is extremely versatile & easy to use machine that makes our clients accept it instantly. It's a **Compact, Durable, High Speed and a Quite** machine. Its **Programable Feature** helps user to use the machine with utmost ease. No manual operations are required with **one touch** Start Button.

## COMPATIBLE TO MAKE PAPER AER



## SPECS

Thickness Range	12-70 microns
Film Width	100 - 800 mm
Start Time	4 sec
Speed	37 mtrs per minute
Programs	10 fixed programs
Leakage from Start	1 pouch
Service	24 x 7 Whatsap Video 80 Sales Managers across India 45 countries worldwide
Warranty	5 years
Ease of operation	Digital Display
Machine Construction	Aluminum and SS
Variants	Cushion, Bubble, Tube, Quilt, Hexa, Pad locks, Wave, Mini Wave, Mats , Hearts, Smileys, Shoe inserts Mailer Bubble Bags in Various Colours

## FEATURES

Bag Count	<input checked="" type="checkbox"/>
Meter Count	<input checked="" type="checkbox"/>
AER Control whilst operating	<input checked="" type="checkbox"/>
Pre Heating before Start	<input checked="" type="checkbox"/>
Blades	<input checked="" type="checkbox"/>
Anti Corrosion Film	<input checked="" type="checkbox"/>
Anti Static Film	<input checked="" type="checkbox"/>
Oxo Bio Degradable	<input checked="" type="checkbox"/>
Compostable	<input checked="" type="checkbox"/>
Pollution Control Board (IN)	<input checked="" type="checkbox"/>
CE Approval	<input checked="" type="checkbox"/>
Integrations (bins, winders, conveyors)	<input checked="" type="checkbox"/>

# INTEGRATIONS



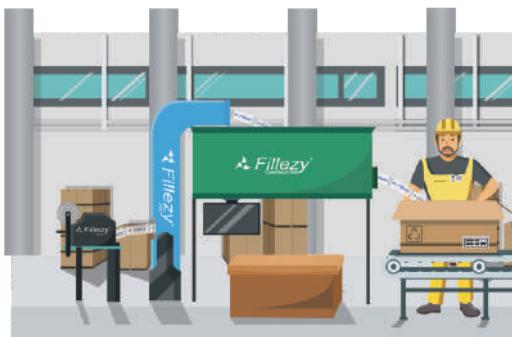
**Fillezy Integrations** are class apart to facilitate ease of packaging. There are various systems that can help collect films or wind rolls or can be streamed in overhead bins and movable trolleys.

**Jet Streams and Overhead bins Integration** can be designed & executed as per the layout of the packing Stations systems available at warehouses/ packing areas. Its extremely useful as it helps to fill the box faster merely by pulling the cushions from the over head bins

**Movable bins** can be used by placing rapid over an Individual Bin at different Packing stations. Bins can be filled to accumulate the cushions inside for easier storage, maneuverability and usage at pack stations.

**Winders** can be attached with Rapid to wind the inflated wave, bubble or quilt rolls during its production. These rolls can be removed and stored or taken to pack stations. It saves time so the user doesn't have to manually wind the rolls.

## JET STREAM & OVERHEAD BINS



## MOVABLE BINS



## WINDERS



# BIO AER CUSHION

biodegradable  
compostable



The most revolutionary packaging that is sustainable made of 100% compostable materials that be used to fill void is now being manufactured at Fillezy's production facilities. The product is made by extruding film made from corn and cassava starch and other compostable materials and is the only and right solutions to ensure we do not abuse the environment. Fillezy is the only manufacturer in the market which can supply the 100% biologically degradable Bio Film made from starch cheaply, even in small quantities.

Our group company Hi Tech International manufacturer the BioDegradable Polymer which is further extruded and produced as inflatables in our Fillezy division.

## CUSHIONS AND QUILTS



*made from corn starch  
not plastic!*

## MY USAGE



## SPECS

Thickness Range	12-70 microns
Film Width	100 - 800 mm
Start Time	4 sec
Speed	37 mtrs per minute
Programs	10 fixed programs
Leakage from Start	1 pouch
Service	24 x 7 Whatsap Video 80 Sales Managers across India 45 countries worldwide
Warranty	5 years
Ease of operation	Digital Display
Variants	Cushion, Bubble, Tube, Quilt, Hexa, Pad locks, Mats , Hearts, Smiley, Shoe inserts Mailer Bubble Bags & Various Colours



INFLATED ON RAPID



# THE AER CUSHION FILMS

100% recyclable  
Oxo Bio Degradable



AER inflatable films are papers are manufactured with high compression strength and AER retention property. Fillezy films and papers are made Oxo-Degradable, Reach Approved and Recyclable contents. We manufacture wide variety of AER Cushioning Products such as AER Cushions, Bubble-On-Demand, Quilt, Tubes, Mini-Bubble, Mini-Tube, Wave, Mini-Wave, Hex, Matt, Shoe Cushion, Heart, Cone Cushion suiting each component to be packed as per the application requirement. The Films come with a different Thickness varying from 15, 22, 35 & 50 microns and registered under the Central Pollution Control Board.

## FILM VARIANTS



## INFLATED ON RAPID



	Cushions	Bubble	Quilt	Tube	Hearts	Edge Guard	Wave / Mini Wave	Bubble Bags	Hexa
Size	200 x 100 mm	400 x 200/250 mm	400 x 250 mm	400 x 250 mm	400 x 200/250 mm	400 x150 mm	400 x 200/250 mm	400 x 200/250 mm	400 x 200/250 mm
Size	200 x 120 mm	500 x 400 mm	500 x 400 mm	400 x 300 mm	500 x 400 mm		500 x 400 mm	500 x 400 mm	500 x 400 mm
Size	200 x 200 mm	600 x 400 mm	600 x 400 mm	400 x 400 mm	600 x 400 mm		600 x 400 mm	600 x 400 mm	600 x 400 mm
Size	400 x 450 mm	700 x 400 mm	700 x 400 mm	500 / 600 / 700 mm	700 x 400 mm		700 x 400 mm	700 x 400 mm	700 x 400 mm
Thickness	15/22/35/50 microns	22/35/50 microns	22/35/50 microns	22/35/50 microns	22/35/50 microns	15/22/35/50 microns	22/35/50 microns	22/35/50 microns	22/35/50 microns
Length	500/700/1200 mtr	200/300/500 mtr	200/300/500 mtr	200/300/500 mtr	200/300/500 mtr	500/700/1200 mtr	200/300/500 mtr	200/300/500 mtr	200/300/500 mtr
Core ID	1"/2"/3" ID	1"/2"/3" ID	1"/2"/3" ID	1"/2"/3" ID	1"/2"/3" ID	1"/2"/3" ID	1"/2"/3" ID	1"/2"/3" ID	1"/2"/3" ID

Customization can be done as per customer requirements

other variants - shoe fillers, luggage bag fillers and hand bag fillers

# PAPER AER

## biodegradable compostable



## Paper AER

Go Environmentally Friendly without adding additional cost to your packaging. With PAPER AER you get a Bio-degradable solution with added protection for your products. The Eco-Fills are made of flexible recycled paper to fill the voids and provide cushioning and ensuring you upto Zero Damages.

They are made of unique FSC compliant papers that are compostable and fully degradable. The sealing layer on the inner is also made of bio plastics that degrade upon exposure and can be also be recycled as pulp and again put to use.

## MY USAGE



## INFLATED ON RAPID



## SPECS

Thickness Range	40-50 gsm
Film Width	100 - 800 mm
Content	Recycled High Strength Paper
Colour	Brown
Strength	380-420 kgf
Leakage from Start	1 pouch
Service	24 x 7 WhatsApp Video 80 Sales Managers across India 45 countries worldwide
CO <sub>2</sub> Saving	70%
Inflated pouch content	3% Paper + 97% AER
1 Truck of Eco-Fill equated to	44,000 cubic meter void fill materials

Cushion, Bubble, Tube,  
Quilt, Hexa, Pad locks, Mats ,  
Hearts, Smileys, Shoe inserts  
Mailer Bubble Bags  
& Various Colours

# THE AER PAPER CUSHION

**Biodegradable  
100% recyclable  
FSC Compliant Paper**



**Compostable**



We manufacture wide variety of AER Cushioning Products such as AER Cushions, Bubble-On-Demand, Quilt, Tubes, Mini-Bubble, Mini-Tube, Wave, Mini-Wave, Hex, Matt, Shoe Cushion, Heart, Cone Cushion suiting each component to be packed as per the application requirement.

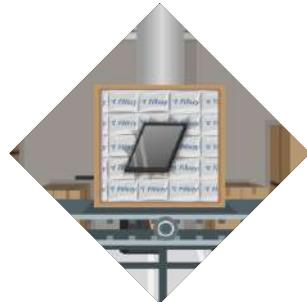
## PAPER VARIANTS



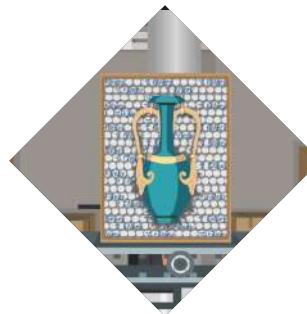
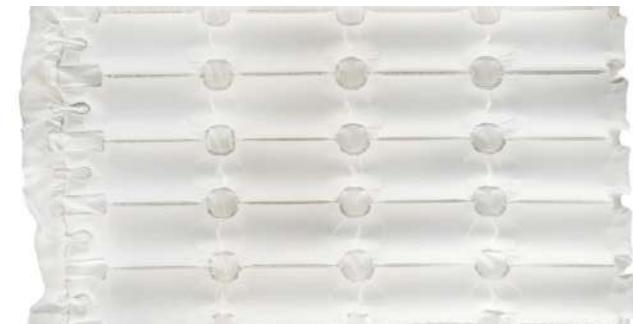
CUSHION		TUBE		QUILT	
Size	100 x 200 mm	Size	100 x 200 mm	Size	100 x 200 mm
Size	120 x 200 mm	Size	120 x 200 mm	Size	120 x 200 mm
Size	200 x 200 mm	Size	200 x 200 mm	Size	200 x 200 mm
Size	400 x 450 mm	Size	400 x 450 mm	Size	400 x 450 mm
Length	500/700/1200 mtr	Length	500/700/1200 mtr	Length	500/700/1200 mtr
Core ID	1"/2"/3" ID	Core ID	1"/2"/3" ID	Core ID	1"/2"/3" ID

# WHERE AM I USED !

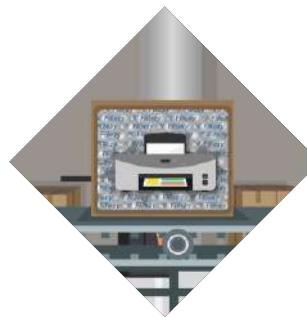
 **Fillezy®**



BIO AER



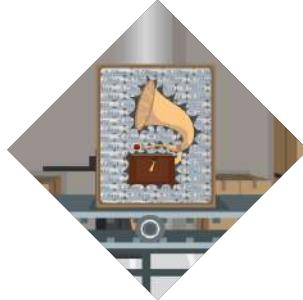
PAPER PADS



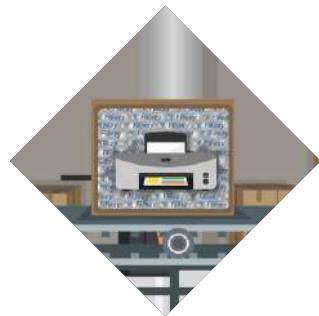
PAPER AER



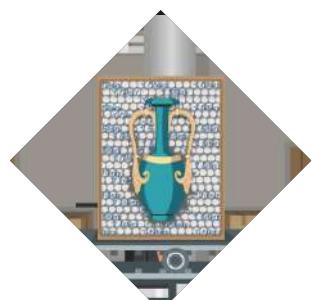
# WHERE AM I USED !



TUBE &  
TUBE BAGS



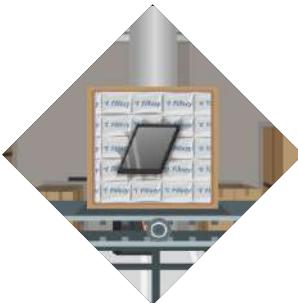
QUILT



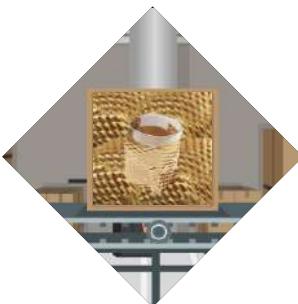
BUBBLE &  
BUBBLE BAGS



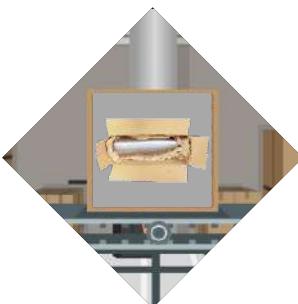
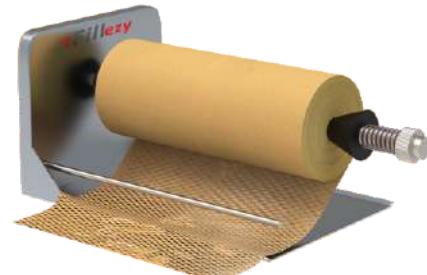
# WHERE AM I USED !



CUSHION



HEXA PAPER



PAPER SHARK



# NEWS & MEDIA



# NEWS & MEDIA



**Forbes INDIA**

SeguraMax's keep-u-safe clothing & products range can reduce up to 99% of viruses within 1 Minute

This newly launched, first in the world plant-based products range decrease virus in a minute

PUBLISHED: Sep 14, 2020 02:06:04 PM IST

SeguraMAX Global LLP is an Indian Startup under 'Make In India' formed between the partners of Piranha & Hi-Tech Group. The two companies have been one of the leading manufacturers and suppliers of PPE suits to the Government of India and State Governments.

**1 MINUTE TECHNOLOGY 99% REDUCTION**

**Hindustan Times**

Rust-X provides nonpareil corrosion prevention solutions across steel and automotive industries

Mumbai based company Rust-X, is rendering corrosion prevention services to Automotive, Steel, Aerospace and Power industries.

PUBLISHED: Aug 21, 2020 02:54 PM IST

Rust-X, a global leader in Corrosion Prevention Technology, has 7 manufacturing facilities in India, approx. 4,000 customers, manufacturing in 4 continents, and presence in around 45 countries globally making us a Star Export House.

**ET THE ECONOMICS TIMES**

**Going Sustainable With Polymers**

Hi-Tech International is the first company in the country to manufacture a plant based bio-polymer - Dr. Bio - which can be used to replace single-use and multi-use plastic products with bio-compostable plastic. *The Machinist* take a closer look...

produces 9.46 million tons of plastic waste every year, of which 40 per cent remains uncollected and 43 per cent of which used plastic waste are for packaging, most of it well known across single-use.

**FINANCIAL EXPRESS READ TO LEAD**

**Bio-polymers: Smart solution for solving the plastic waste problem**

Hi-Tech International's plant-based bio-polymer, Dr Bio, can be used to replace single-use and multi-use plastic products such as bottles, straws, cups, polybags and more

PUBLISHED: June 09, 2021 1:00 AM

The hazards of plastic waste are well known across the globe. In fact, India alone produces 9.46 million tonne of plastic waste every year, of which 40% remains uncollected. And 43% is used for packaging, most of it well known across single-use. About 60% of the plastic waste produced in India ends up in landfills or in the natural environment.

## ***The Indian EXPRESS***

### **Ludhiana firm rolls out plant-based biopolymer**

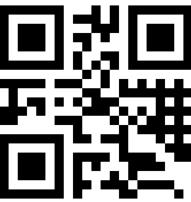
Dr Bio is the Indian biopolymer to have been approved by the Institute of Petrochemicals Technology, said Sidharth Sareen, Technical Director, Hi-Tech International in a press statement.

PUBLISHED: August 6, 2021 9:13:16 pm

Ludhiana-based company Hi-tech International has become the first company in the country to manufacture plant-based biopolymer — Dr Bio — which can be used to replace single-use and multi-use plastic products such as bottles, straws, cups, disposable cutlery, polybags, etc., with bio-compostable plastic.



ASK US ABOUT



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