



# INDUSTRIAL ACTIVE PACKAGING

*ABSORB WISELY REST ASSURED*







# ABOUT US

WiseSorbent Technology–AIP Division Wisepac Active Packaging

Established in 2001, WiseSorbent Technology has over 23 years of excellence in moisture control and odor removal. Our mission is to comprehensively protect your products from moisture damage. With three production bases in northern and eastern China, and branches in the USA, Malaysia, and France, we possess strong global production capabilities and an extensive warehousing network to ensure rapid and reliable service for our clients.

In the face of rapid economic development and its associated challenges, WiseSorbent understands the complex needs of various industries. To provide more precise solutions, we have established several specialized product divisions to better address the unique needs of different industries and offer targeted services.

The AIP Division focuses on industrial technology, offering moisture control solutions for component storage, container transportation, and precision machinery. Our production adheres to international quality management systems such as ISO9001, ISO15378, MIL and DIN standards, ensuring that each product meets the highest quality standards.

In line with global sustainability strategies (ESG), WiseSorbent is committed to innovation and environmental protection. We believe that through personalized service and advanced technology, we can help industries achieve both sustainable development and eco-friendly packaging goals.

WiseSorbent, absorb wisely, rest assured.


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# WiseSorb® Clay Desiccant




 High absorption capacity, ideal for low humidity environments

 Natural extracted material, non-toxic and safe

 Package with good breathability and high strength-resistance material

 Reusable and naturally degradable clay desiccant

 Perfect for component storage and equipment packaging

WiseSorb® Clay Desiccant, crafted from natural montmorillonite clay, is non-toxic and highly efficient, absorbing 8 to 15 times its weight in moisture and performing comparably to silica gel in low humidity. Utilizing coated non-woven fabric packaging for excellent breathability, mechanical strength, heat resistance, and dust protection. WiseSorb® Clay Desiccant is eco-friendly and reusable, which the clay can be degraded naturally after use, making it an ideal choice for industrial applications such as component storage and equipment packaging.

## WiseSorb® Clay Desiccant Standard:

ITEM		STANDARD
Loss on Drying		≤2.0%
Moisture Absorption Capacity (77 °F / 25°C)	RH=20%	≥2.85g
	RH=40%	≥5.70g
Moisture Absorption Speed(77 °F / 25°C)	RH=40%	≥0.25g/7h
	RH=80%	≥0.7g/7h



## WiseSorb® Clay Desiccant Standard Specification:

Product Code	Spec	W*L (mm/in)
2MTNW001	30g	78*90 / 3.07*3.54
2MTNW002	50g	78*110 / 3.07*4.33
2MTNW003	100g	98*140 / 3.86*5.51
2MTNW004	200g	105*190 / 4.13*7.48
2MTNW005	300g	150*190 / 5.91*7.48
2MTNW006	500g	150*230 / 5.91*9.06



# DIN/MIL Standard Clay Desiccant



High-quality packaging, low dust and high breathability

Adheres to DIN standard and MIL-D-3464E compliant

Antistatic treatment available upon request

DIN/MIL Standard Clay Desiccant utilizes high-purity montmorillonite clay and adheres strictly to MIL-D-3464E standards in materials, manufacturing processes, testing, packaging, and transportation. Featuring high-quality clay in flash PE-coated film packs, this desiccant is widely used for the storage and transportation of machinery, electronic products, automotive components, and large equipment.

## DIN/MIL Standard Clay Desiccant Standard:

ITEM	STANDARD	
Unit Moisture Absorption Capacity (77 °F /25°C)	RH=20%	≥3.0g/U
	RH=40%	≥6.0g/U
Unit Moisture Absorption Speed (77 °F /23°C)	RH=40%	≥0.25g/U. 7h
	RH=80%	≥0.7g/U. 7h
Corrosiveness	16U	≤5mg/pack
	8U	≤2.5mg/pack
	4U	≤0.5mg/pack



## DIN/MIL Standard Clay Desiccant Specification:

Product Code	Spec	W*L (mm/in)
2MTTG301	1/6U	57*65 / 2.24*2.56
2MTTG302	1/3U	57*80 / 2.24*3.15
2MTTG303	1/2U	57*90 / 2.24*3.54
2MTTG304	1U	78*95 / 3.07*3.74
2MTTG305	2U	78*130 / 3.07*5.12
2MTTG306	4U	98*150 / 3.86*5.90
2MTTG307	8U	105*210 / 4.13*8.27



# DIN/MIL Standard Kraft Paper Clay Desiccant



Premium natural materials, stable, non-toxic, and safe



Customizable packaging



Eco-friendly



Antistatic options available



Complies with MIL-D-3464E standards

DIN/MIL Standard Kraft Paper Clay Desiccant is an eco-friendly, biodegradable desiccant made from high-quality natural montmorillonite clay and packaged in kraft paper. Strictly compliant with MIL-D-3464E standards, minimizing potential dust. Available in sizes from 1/6U to 32U, suitable for various moisture control applications. The heavy-duty hangable design adds convenience for transport and storage. Its biodegradable nature makes it ideal for use in heavy industry, military, metal products, and automotive parts storage and transportation.

## DIN/MIL Standard Kraft Paper Clay Desiccant Standard:

ITEM	STANDARD	
Unit Moisture Absorption Capacity (77 °F /25°C )	RH=20%	≥3.0g/U
	RH=40%	≥6.0g/U
Unit Moisture Absorption Speed (77 °F /25°C )	RH=40%	≥0.25g/U.7h
	RH=80%	≥0.7g/U.7h
Corrosiveness	16U	≤5mg/pack
	8U	≤2.5mg/pack
	4U	≤0.5mg/pack



## DIN/MIL Standard Kraft Paper Clay Desiccant Specification:

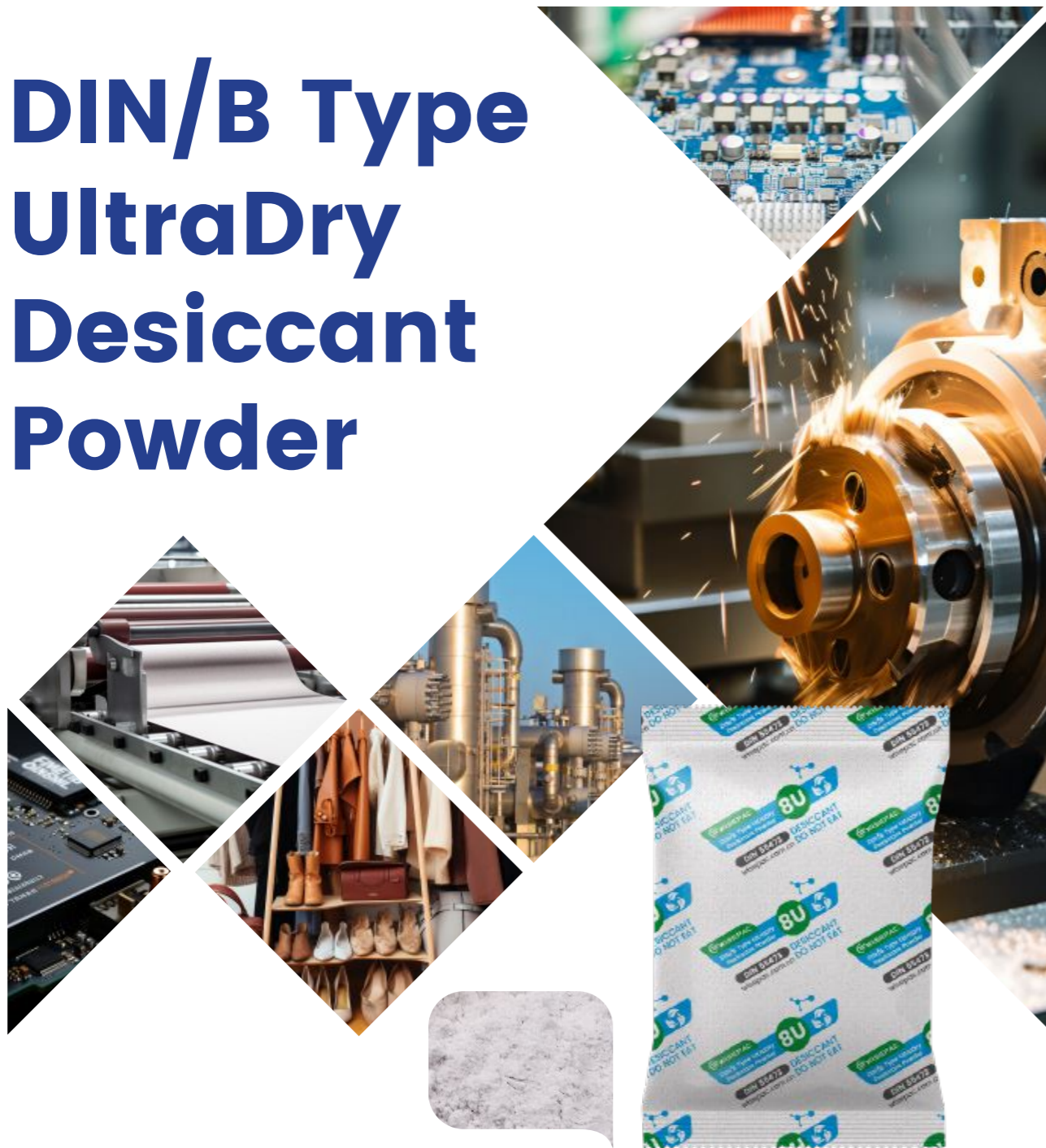
Product Code	Spec	W*L (mm/in)
2MTTG301	1/6U	57*65 / 2.24*2.56
2MTTG302	1/3U	57*80 / 2.24*3.15
2MTTG303	1/2U	57*90 / 2.24*3.54
2MTTG304	1U	78*95 / 3.07*3.74
2MTTG305	2U	78*130 / 3.07*5.12
2MTTG306	4U	98*150 / 3.86*5.90
2MTTG307	8U	105*210 / 4.13*8.27



Packaging Material	Product Code	Spec	W*L (mm/in)
Kraft Paper	2MTKP308	16U	150*230 / 5.90*9.06
Kraft Paper	2MTKP309	32U	180*230 / 7.08*9.06
Nonwoven Paper	2MTNW308	16U	150*210 / 5.90*8.27
Nonwoven Paper	2MTNW309	32U	150*300 / 5.90*11.81



# DIN/B Type UltraDry Desiccant Powder



**MIL** DIN-standard desiccant powder

Eco-friendly packaging supports sustainability

Excellent permeability, dust resistance, and tensile strength

Lightweight design, reducing transportation costs

DIN/B Type UltraDry Desiccant Powder is an eco-friendly, lightweight solution crafted for high-performance humidity control. Using DIN-standard desiccant powder, it provides exceptional moisture absorption while significantly reducing the overall weight. Packaged in environmentally friendly and anti-dust material, it features excellent breathability and high tensile strength. Advanced ultrasonic sealing and ink-free printing techniques further reduce production energy consumption and enhance cost-effectiveness. Ideal for heavy industry, military, metal products, and component storage and transportation, it delivers an efficient and economical moisture control solution.

## DIN/B Type UltraDry Desiccant Powder Standard:

ITEM		STANDARD
Unit Moisture Absorption Capacity (77 °F / 25°C )	RH= 20%	≥3.0g/U
	RH=40%	≥6.0g/U
Unit Moisture Absorption Speed (77 °F / 25°C )	RH=40%	≥0.25g/U.7h
	RH=80%	≥0.7g/U.7h
Corrosiveness	16U	≤5mg/pack
	8U	≤2.5mg/pack
	4U	≤0.5mg/pack



## DIN/B Type UltraDry Desiccant Powder Specification:

Product Code	Spec (g)	W*L (mm/in)
1MH-1/6U-P III 00	1/6U	57*80 / 2.24*3.15
1MH-1/3U-P III 00	1/3U	57*90 / 2.24*3.54
1MH-1/2U-P III 00	1/2U	78*95 / 3.07*3.74
1MH-1U-P III 00	1U	78*130 / 3.07*5.12
1MH-2U-P III 00	2U	98*150 / 3.86*5.91
1MH-4U-P III 00	4U	150*180 / 5.91*7.09
1MH-8U-P III 00	8U	150*230 / 5.91*9.06
1MH-16U-P III 00	16U	150*320 / 5.91*12.60



# WiseSorb® Silica Gel Desiccant



Stable and non-toxic



Packaging with excellent moisture permeability



Silica gel can be regenerated through reactivation



Tailored solutions available upon request

WiseSorb® Silica Gel Desiccant is made from high-quality silica gel, offering exceptional moisture absorption and stable physical and chemical properties. Non-flammable and non-corrosive, it ensures safety and reliability. The packaging material provides excellent breathability, enhancing moisture control. Ideal for industries such as metal manufacturing, precision instruments, and machinery component storage, it effectively prevents moisture and ensures proper storage, making it an ideal moisture control solution for manufacturing and storage processes.

## WiseSorb® Silica Gel Desiccant Standard:

ITEM		STANDARD
Loss on Drying		≤3.0%
Moisture Absorption Capacity (77 °F / 25°C )	RH=20%	≥10.5%
	RH=40%	≥23.0%
	RH=90%	≥34.0%




## WiseSorb® Silica Gel Desiccant Specification:


Product Code	Spec	W*L (mm/in)
3MSR0007	30g	78*95 / 3.07*3.74
2MSR0001	50g	78*110 / 3.07*4.33
2MSR0002	100g	98*140 / 3.86*5.51
2MSR0003	200g	105*190 / 4.13*7.48
2MSR0004	300g	150*180 / 9.84*7.09
2MSR0005	500g	150*230 / 9.84*9.06





# WiseSorb® Molecular Sieve Desiccant



 Strong moisture adsorption under low RH environment

 High-strength fiber paper packaging

 Stable physical and chemical properties

 Flexible sizes available to meet diverse needs

WiseSorb® Molecular Sieve Desiccant features high-quality raw material, offering exceptional moisture adsorption under low humidity conditions and non-toxic safety. Its superior adsorption capacity and excellent thermal stability make it ideal for various moisture control applications. Packaged in high-strength fiber paper, which provides excellent breathability, high-temperature resistance, and dust protection, ensuring stable performance during use. Available in sizes from 20 grams to 500 grams, it is suited for multiple industrial uses, maintaining optimal product condition during transport and storage.

## WiseSorb® Molecular Sieve Desiccant Standard:

ITEM		STANDARD
Loss on Drying		≤3.0%
Moisture Absorption Capacity (77 °F / 25°C)	RH=20%	≥18.0%
	RH=40%	≥20.0%



## WiseSorb® Molecular Sieve Desiccant Specification:

Product Code	Spec	W*L (mm/in)
3MSR0001	1g	30*45 / 1.18*1.77
3MSR0002	2g	40*45 / 1.57*1.77
3MSR0003	3g	50*45 / 1.97*1.77
3MSR0004	5g	45*70 / 1.77*2.76
3MSR0005	10g	60*70 / 2.36*2.76
3MSR0006	20g	60*100 / 2.36*3.94
3MSR0007	30g	80*110 / 3.15*4.33
2MSR0001	50g	78*110 / 3.07*4.33
2MSR0002	100g	98*140 / 3.86*5.51
2MSR0003	200g	105*190 / 4.13*7.48
2MSR0004	300g	150*180 / 5.91*7.09
2MSR0005	500g	150*230 / 5.91*9.06



# WiseSorb® Activated Clay Desiccant



Natural mineral ingredients, eco-friendly and non-toxic



Effectively absorb moisture to maintain a dry environment



Generally cost-effective



Ideal for industrial applications

WiseSorb® Activated Clay Desiccant is a natural mineral desiccant made from natural montmorillonite clay, processed through crushing, activation, granulation, and drying. Its excellent moisture absorption and natural material source make it an efficient and economical choice for industrial applications. This desiccant effectively adsorbs moisture; however, it's important to note that after absorbing moisture, the particles can become soft and may leak liquid water if the desiccant becomes overly saturated. Therefore, it is not suitable for direct contact with metals or other sensitive materials.

## WiseSorb® Activated Clay Desiccant Standard:

ITEM	STANDARD
Moisture Content (180°C)	≤3.0%
Moisture Absorption Capacity (77 °F / 25°C, RH=90%)	20-35%

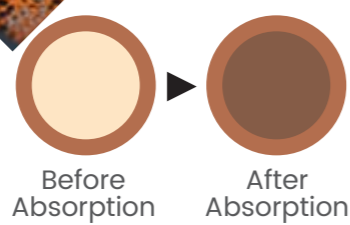


## WiseSorb® Activated Clay Desiccant Specification:

Product Code	Spec	W*L (mm/in)
3MDNW001	1g	30*45 / 1.18*1.77
3MDNW002	2g	40*45 / 1.57*1.77
3MDNW003	3g	50*45 / 1.97*1.77
3MDNW004	5g	45*70 / 1.77*2.75
3MDNW005	10g	60*70 / 2.36*2.75
3MDNW006	20g	60*110 / 2.36*4.33



# WisePower® Indicating High Absorption Desiccant



Powerful moisture absorption



Lightweight and ultra-thin design



Suited for environments requiring high moisture control



Enhanced sealing improves edge strength and durability



Visible color change



Optional adhesive tape prevents desiccant displacement during transit

WisePower® Indicating High Absorption Desiccant combines premium calcium chloride and diatomaceous earth to deliver powerful moisture absorption with color indication. The desiccant changes color from light brown to dark brown, indicating when it is nearing saturation and needs replacement to maintain effective moisture control. Its four-side seal design and breathable packaging materials enhance sealing and durability, while the powdered desiccant formula makes the product lightweight and ultra-thin, saving storage and transportation space. Customized tapes from specific models and brands can be added to secure the desiccant to product surfaces, making it especially suitable for container environments during marine transport, effectively protecting cargo from moisture damage.

## WisePower® Indicating High Absorption Desiccant Standard:

ITEM	STANDARD
Moisture Absorption Capacity (77 °F / 25°C , RH=90%)	≥250.0%
Moisture Absorption Speed (77 °F / 25°C , RH=20%, 24H)	≥20%
Discoloration identification	Light brown to dark brown



## WisePower® Indicating High Absorption Desiccant Specification:

Product Code	Spec	W*L (mm/in)
4HANW101	2g	50*75
4HANW102	5g	50*90
4HANW103	10g	100*110
4HANW104	30g	100*160
4HANW105	50g	120*170
4HANW106	100g	150*200



# WisePower® Dual-Layer High Absorption Desiccant



Rapid moisture absorption and effective humidity reduction



Breathable inner seal with a durable mesh outer layer



Prevents liquid leakage in extreme conditions

WisePower® Dual-Layer High Absorption Desiccant builds upon the classic WisePower desiccant with innovative upgrades. Featuring calcium chloride as the primary ingredient, it offers strong chemical absorption capabilities for rapid moisture removal, effectively lowering humidity levels. The dual-layer packaging design is its standout feature: the inner layer uses a four-sided sealed breathable material to ensure efficient moisture control, while the outer layer consists of a mesh bag that enhances the desiccant's sealing and durability. This design effectively prevents liquid leakage in extreme conditions, reducing potential corrosion or damage to items.

## WisePower® Dual-Layer High Absorption Desiccant Standard:

ITEM	STANDARD
Moisture Absorption Capacity (77 °F / 25°C , RH=90%)	≥200.0%



## WiseSorb® Dual-Layer High Absorption Specification:

Product Code	Spec	Inner Layer W*L (mm/in)	Outer Layer W*L (mm/in)
4HANW201	2g	50*75 / 1.97*2.95	60*100 / 2.36*3.94
4HANW202	5g	50*90 / 1.97*3.54	60*115 / 2.36*4.53
4HANW203	10g	100*80 / 3.94*3.15	110*105 / 4.33*4.13
4HANW204	25g	100*150 / 3.94*5.91	110*180 / 4.33*7.09
4HANW205	50g	120*150 / 4.72*5.91	160*150 / 6.30*5.91
4HANW206	100g	150*180 / 5.91*7.09	160*210 / 4.30* 8.27



# WiseFlex+<sup>®</sup> Eco-Friendly Aluminum Metallized Desiccant Film



Replaces traditional aluminum foil, ensuring material recyclability



Eliminates the need for additional desiccants



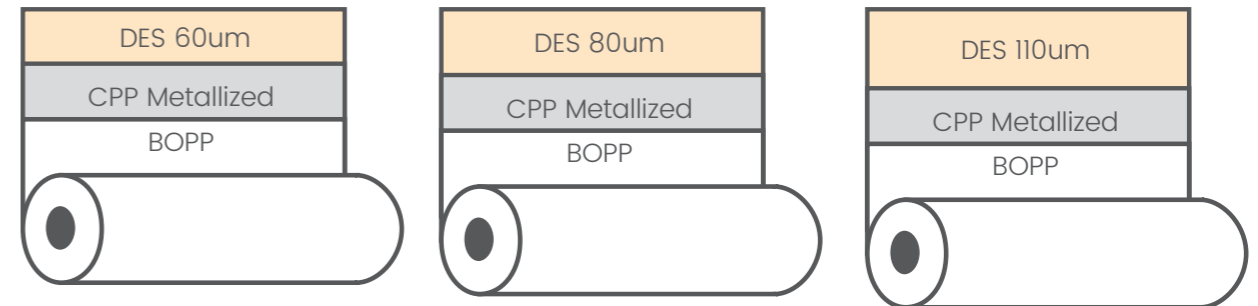
Non-toxic, odorless material with excellent stability ensures product safety



Customized product printing for better branding presence

WiseFlex+<sup>®</sup> Eco-Friendly Aluminum Metallized Desiccant Film is a functional film made from PP material, featuring a multi-layer composite structure. This includes an internal desiccant film that efficiently absorbs moisture within the package, and an environmentally friendly metallized CPP layer that replaces traditional aluminum foil. This design ensures effective moisture protection while supporting sustainability. WiseFlex+ effectively prevents external moisture from entering the package, avoiding potential damage to the product's performance due to humidity. The thickness of the desiccant film can be customized to meet specific needs, offering flexible solutions. Combining excellent moisture control with innovative eco-friendly design, WiseFlex+ is an ideal alternative to traditional desiccant sachets and aluminum foil packaging.

### Standard Structure:



### Technical Parameter:

Thickness	Moisture Absorption Capacity (g/m <sup>2</sup> )	Water Vapor transmission (38°C, RH90%) (g/m <sup>2</sup> ·24h)	Oxygen transmission (23±2°C) (cm <sup>3</sup> /m <sup>2</sup> ·24h·0.1Mpa)
60um	≥4.0	≤1.0	≤1.0
80um	≥6.0	≤1.0	≤1.0
110um	≥8.0	≤1.0	≤1.0

### Application:

WiseFlex+<sup>®</sup> is widely applicable, suitable for packaging various moisture-sensitive products.





# WisePouch+<sup>®</sup> Eco-Friendly Aluminum Metallized Desiccant Pouch



Boosts packaging efficiency



Effective moisture protection



Customizable pouch types,  
adapts to diverse applications



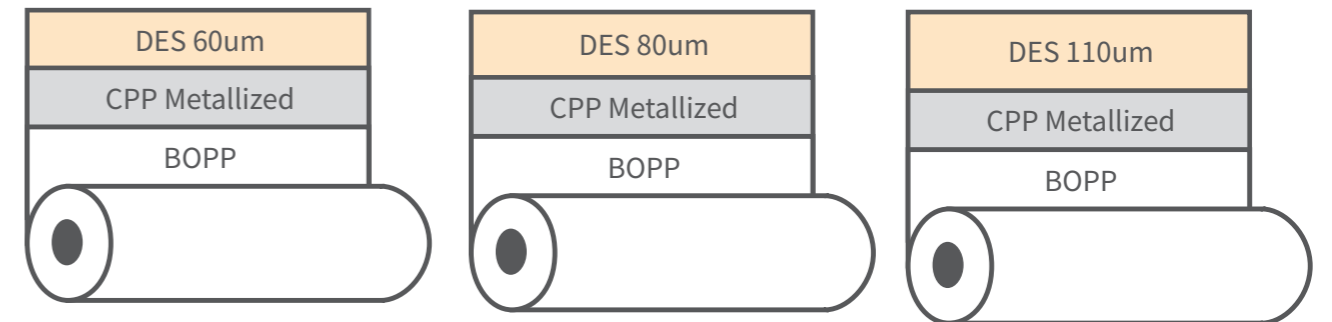
Custom Printing Options



Supports environmental  
sustainability

WisePouch+<sup>®</sup> Eco-Friendly Aluminum Metallized Desiccant Pouch is a ready-to-use pouch made from WiseFlex+ Eco-Friendly Aluminum Metallized Desiccant Film. It eliminates the need for additional desiccants, saving space and enhancing packaging efficiency and neatness. Designed to protect moisture-sensitive products like electronic components during storage and transport, it offers superior moisture control compared to traditional aluminum foil pouches. Its metallized layer also supports a sustainable future with its eco-friendly design.

### Standard Structure:



### Application:

Eco-Friendly Aluminum Metallized Desiccant Pouch can be customized to various sizes and types based on customer needs, including back-seal, three-side-seal, stand-up pouches, and bulk bags, to suit different applications. Additionally, it supports custom printing to meet branding and personalized design requirements.



### Technical Parameter:

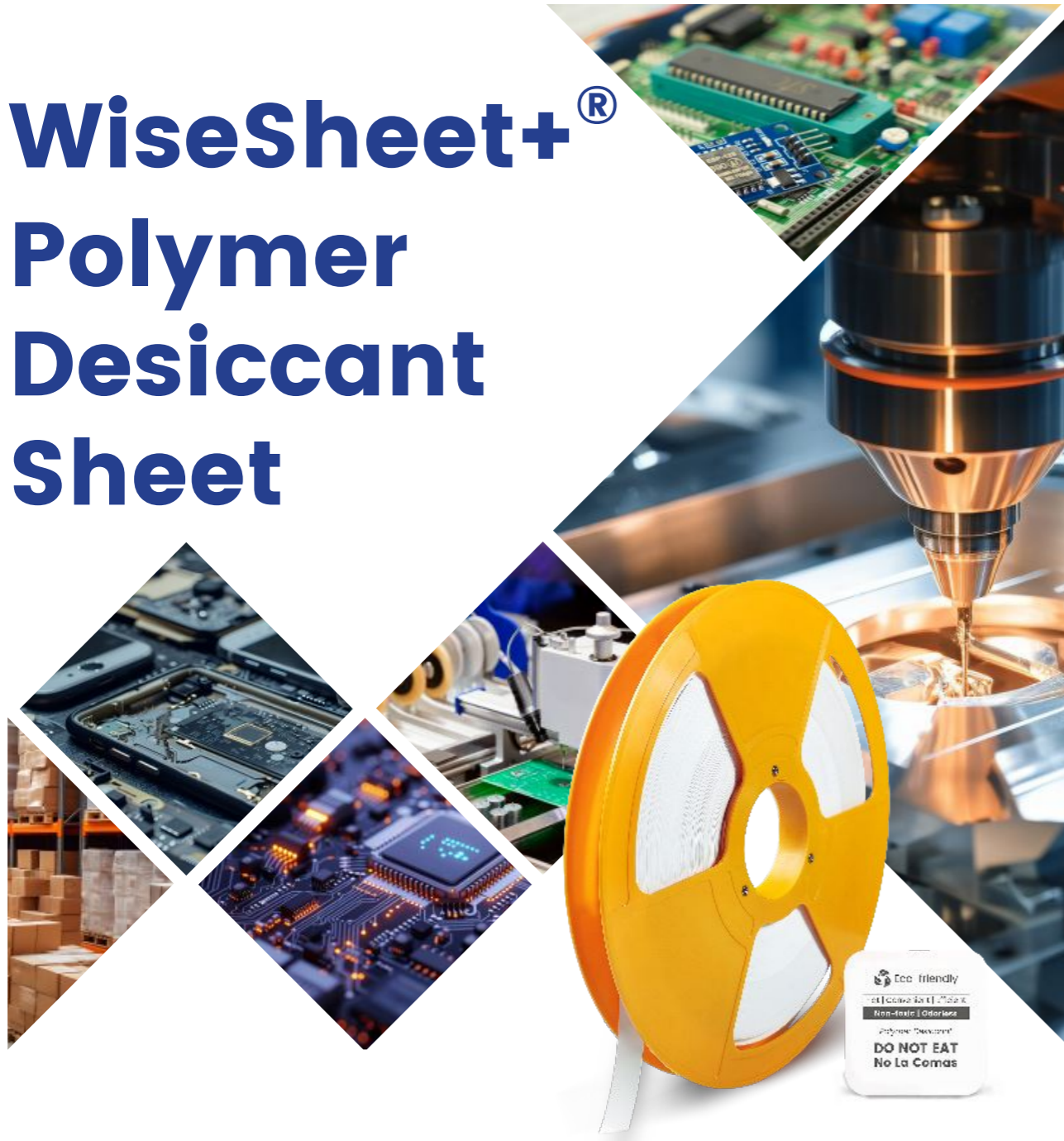
\*This product is available as a custom pouch. Please contact local sales for details.\*


### Technical Parameter:


Thickness	Moisture Absorption Capacity (g/m <sup>2</sup> )	Water Vapor transmission (38°C, RH90%)(g/m <sup>2</sup> ·24h)	Oxygen transmission (23±2°C)(cm <sup>3</sup> /m <sup>2</sup> ·24h·0.1Mpa)
60um	≥4.0	≤1.0	≤1.0
80um	≥6.0	≤1.0	≤1.0
110um	≥8.0	≤1.0	≤1.0





# WiseSheet+<sup>®</sup> Polymer Desiccant Sheet



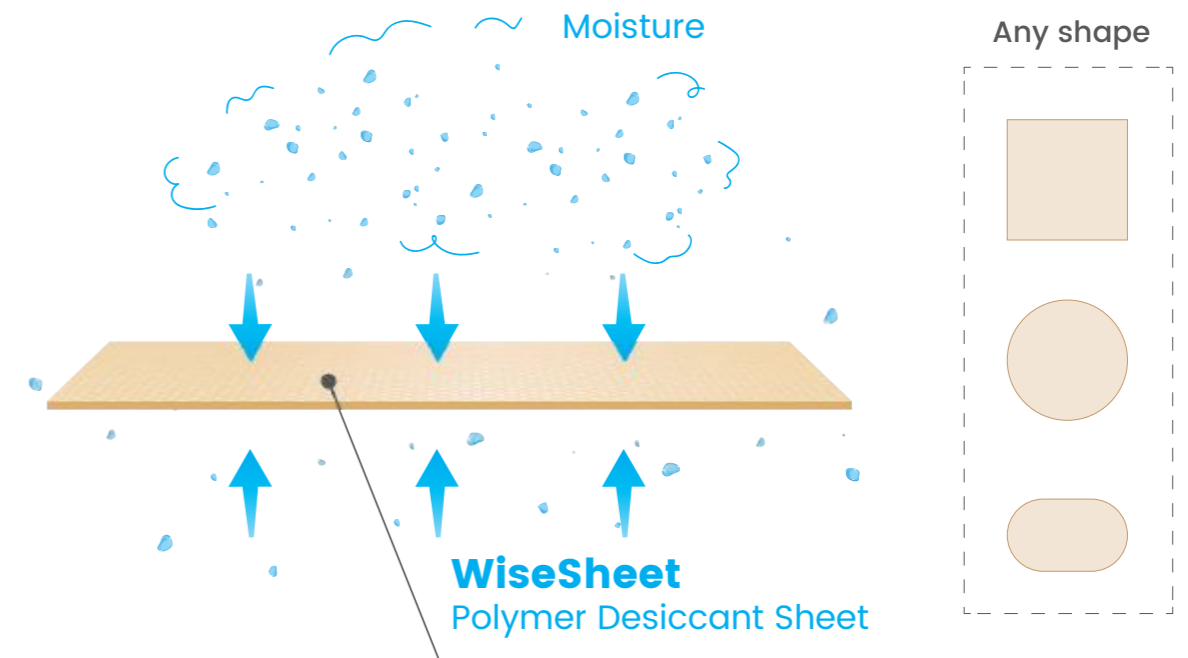
 Strong moisture absorption extends product shelf life

 Compact and thin Design saves internal packaging space

 Customizable shapes fits various packaging needs

 Available in roll, single-sheet, or self-adhesive forms, adapts to multiple scenarios for convenience

WiseSheet+<sup>®</sup>Polymer Desiccant Sheets are innovative, flat desiccants that integrate desiccant particles into the product, utilizing pore adsorption to remove moisture and carbon dioxide. Their compact, thin design significantly saves packaging space. Custom shapes can be tailored to meet various packaging needs. WiseSheet+ can be heat-sealed or adhered to the interior of packaging to minimize the risk of detachment during transport, ensuring product cleanliness and effective moisture control. Available in roll, single-sheet, and self-adhesive forms, it suits a range of high-tech applications, maintaining optimal performance in moisture-sensitive environments.



## WiseSheet+<sup>®</sup>Polymer Desiccant Sheet Application:

Due to its sim, flat design, WiseSheet+ Polymer Desiccant Sheet is suitable for delicate or small devices that requires humidity control.





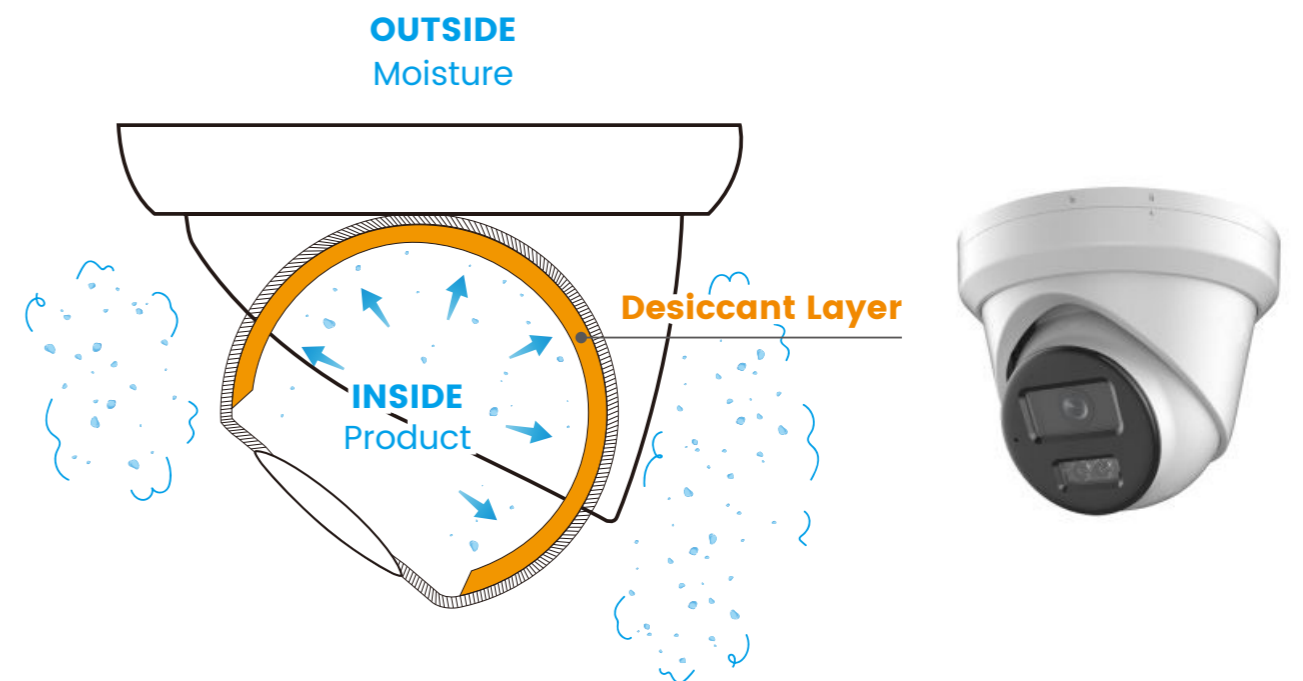
# WisePoly+<sup>®</sup> Polymer Desiccant



-  Long-lasting moisture absorption
-  Seamless Integration with products for a unified solution
-  Customizable shapes to fit various application needs
-  Supports automated placement for efficient and convenient use
-  Dust-Free, lightweight, and aesthetic

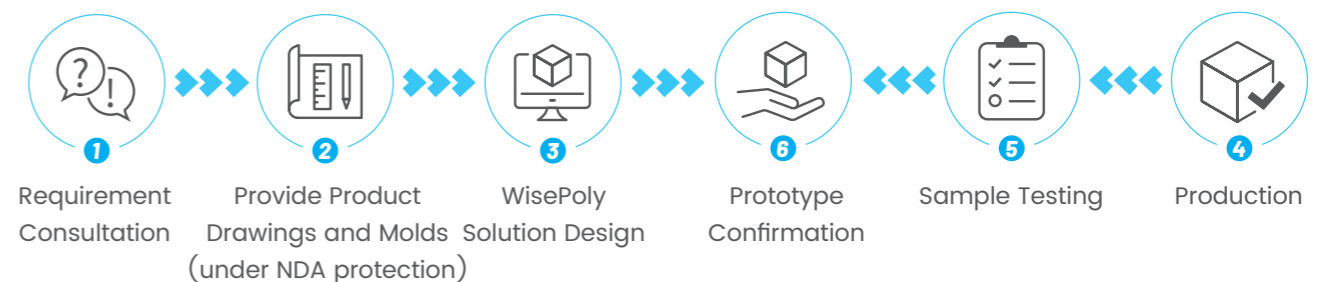
WisePoly+<sup>®</sup> Polymer Desiccant is an innovation type of desiccant made by integrating polymer and desiccant particles through injection molding or thermoforming processes. It offers superior moisture absorption, with particles that continuously and persistently absorb moisture within the package. Advanced adsorption separation technique allows WisePoly+ to achieve up to 60% desiccant particles. It maintains product quality stability for long-term preservation and use.

Additionally, WisePoly+ can be expertly integrated into a wide range of shapes and designs, leveraging the same manufacturing process to enhance versatility. It can be used to fill plastic components with desiccant particles, optimizing the use of available space while enhancing both aesthetics and practicality.



## WisePoly+<sup>®</sup> Polymer Desiccant Customization Process:


WisePoly+<sup>®</sup> Polymer Desiccant is a customizable product. We offer scientific design, R&D collaboration, and a range of functional packaging solutions to meet your specific packaging needs.








# WiseHIC® Humidity Indicator Card




 Customizable humidity indicators to meet specific needs

 High accuracy, ±5%

 Wide humidity range coverage

 Compact and flat design suitable for various applications

 Complies with MIL-I-8835A standard

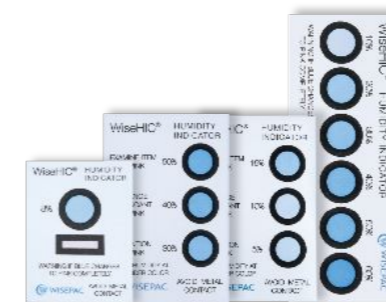
WiseHIC® Humidity Indicator Card is an efficient humidity monitoring tool designed specifically for closed environments in industrial settings. It accurately indicates humidity levels ranging from 8% to 90%. The card features color-changing indicators that become significantly darker or lighter in response to changes in environmental humidity.

In addition to standard options—single-point (8%), three-point (10%-30%), six-point (10%-60%), and nine-point (10%-90%)—WiseHIC® offers customizable humidity indicators to meet specific customer needs. These humidity indicator cards are widely used in various industrial applications, including electronic component packaging and vacuum packaging, to provide reliable humidity monitoring.

## WiseHIC® Humidity Indicator Card Product Specification:

Product Name	Code	Color When Dry	Color When Saturated
Cobalt Chloride Blue to Pink	HIC-1	Blue	Pink
Cobalt-Free Brown to Green	HIC-4	Brown	Green
Cobalt-Free Blue to Pink	HIC-5	Blue	Pink

### HIC-1 Cobalt Chloride Blue to Pink



Product No.	Spec	Indicating Humidity Rate	Size (mm/in)
7BPNP101	HIC1-1-08087	8%	38*51 / 1.5*2
7BPNP102	HIC3-1-10303	10-30%	76*51 / 3*2
7BPNP103	HIC3-1-30504	30-50%	76*51 / 3*2
7BPNP104	HIC6-1-10610	10-60%	38*102 / 1.5*4.02
7BPNP105	HIC3-1-05153	5-15%	76*51 / 3*2
7BPNP106	HIC3-1-05603	5-60%	76*51 / 3*2

### HIC-4 Cobalt-Free Brown to Green



Product No.	Spec	Indicating Humidity Rate	Size (mm/in)
7BPNP401	HIC1-4-08082	8%	38*51 / 1.5*2
7BPNP402	HIC3-4-10302	10-30%	76*51 / 3*2
7BPNP403	HIC3-4-30502	30-50%	76*51 / 3*2
7BPNP404	HIC6-4-10603	10-60%	42*112 / 1.65*4.41
7BPNP405	HIC3-4-05152	5-15%	76*51 / 3*2
7BPNP106	HIC3-1-05603	5-60%	76*51*0.45

### HIC-5 Cobalt-Free Blue to Pink



Product No.	Spec	Indicating Humidity Rate	Size (mm/in)
7BPNP501	HIC1-5-08081	8%HIC	38*51 / 1.5*2
7BPNP502	HIC3-5-10301	10-30%HIC	76*51 / 3*2
7BPNP503	HIC3-5-30501	30-50%HIC	76*51 / 3*2
7BPNP504	HIC6-5-10602	10-60%HIC	42*112 / 1.65*4.41
7BPNP505	HIC3-5-05151	5-15%HIC	76*51 / 3*2



# WiseSorb<sup>®</sup> Temperature and Humidity Data Logger




- Tracks temperature and humidity changes with live updates
- Easy viewing of current environmental conditions
- Aid to enhance product preservation with desiccant solution

- USB and Bluetooth options for data access and export
- Export graphs and detailed data tables for analysis

WiseSorb<sup>®</sup> Temperature and Humidity Data Logger is designed to monitor environmental changes in real-time with precision. Its sleek, compact design integrates effortlessly into any setting, combining functionality with an attractive appearance. An optional display screen provides easy access to current temperature and humidity readings. The device supports flexible connectivity options, including USB and Bluetooth, for straightforward data access and export, including detailed graphs and trend analysis. This data logger is crucial for evaluating the effectiveness of desiccant solutions, optimizing environmental conditions, and ensuring products are stored under optimal conditions to extend their shelf life.

## WiseSorb<sup>®</sup> Temperature and Humidity Data Logger Instructions:

- 1 Download and Install WiseSorb App on your devices**


Wisesorb App
- 2 Customize Settings**

After registering on the app, press the button on data logger to enable Bluetooth, search for and pair with the device. Customize data logger settings in the app, such as data collection intervals and temperature/humidity thresholds.
- 3 Activate the Data Logger**

Press and hold the button for 5 seconds until the screen flashes 5 seconds or the red and blue light flash for 3 seconds, indicating successful startup.
- 4 Read Data and Export Reports**

Once connected, access data to view or export temperature and humidity trend graphs and detailed reports.

## Product Information:



Pic1

Pic2

Pic3

Pic4

Product Images	Product name	Dimension	Record Type
Pic1	USB Data Logger-with screen	L81*W39*H8mm	One-time Tracker
Pic2	USB Data Logger-plain	L81*W39*H8mm	
Pic3	USB Data Logger-with screen	L60*W40*H9mm*	Repeated-use Tracker
Pic4	USB Data Logger-plain	L50*φ20mm	



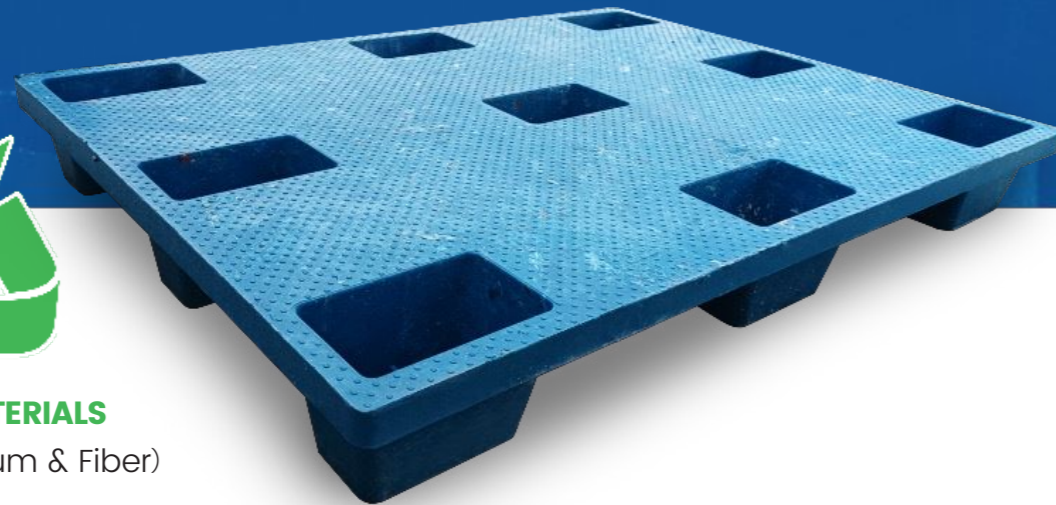
# Recycled Pallet

Reuse of packaging materials



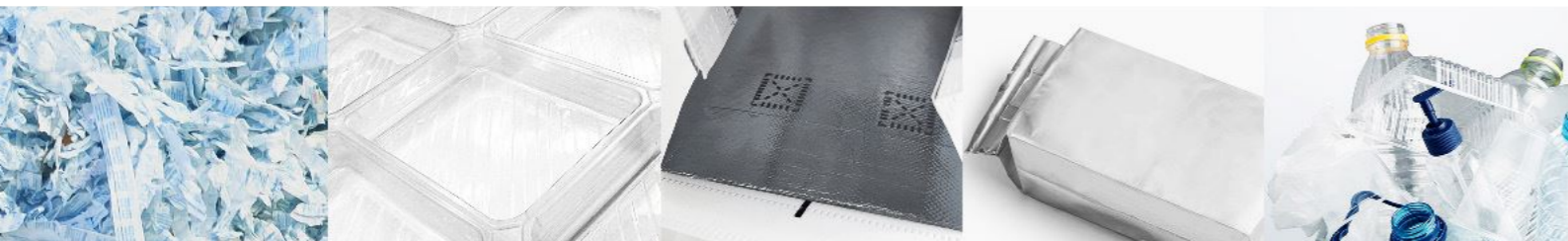
**100% RECYCLE MATERIALS**

(PP, PE, PET, PA, Aluminum & Fiber)



Nowadays, recycling has become an essential aspect of the global environmental agenda. However, the presence of many composite materials has made recycling more complicated, especially in the field of packaging products. With the advancement of technology and awareness, there's a growing realization that recycling and separating plastics (such as PP, PE, PET, PA) as well as metals (like aluminum) have become increasingly challenging.

In this context, our innovative recycling tray has emerged. Unlike traditional recycling systems, our recycling pallet is uniquely designed to overcome the challenge of material separation. Eliminating the need for intricate sorting, our recycling pallet transforms these seemingly difficult-to-recycle materials into valuable resources through a simple processing procedure.



## Original Intention



Pallets optimize and improve efficiency in various logistics processes such as loading, unloading, handling, and storage. Pallet demand has always been high



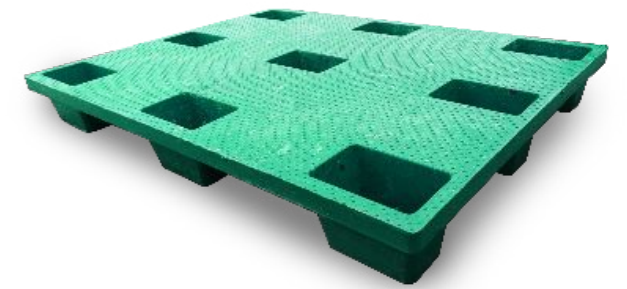
Plastic pallets, a common material for pallets, have the advantages of being lightweight and easy to use due to their anti-slip properties



Most waste materials from desiccant packaging and film are made of polymer plastics, which meet the requirements for making plastic pallet fillers

## Technical Specifications:

Sensible recycling products protect the environment	
Size	1120*810mm
Height	130mm
Weight	22kg
Rim	Without
Static Load	1.5t
Dynamic Load	0.8t
Materials	100% recycle materials (PP, PE, Aluminum)



\*Cross section



## Technical Specifications:

Sensible recycling products protect the environment	
Size	1120*1120mm
Height	140mm
Weight	35kg
Rim	Without
Static Load	2t
Dynamic Load	1t
Materials	100% recycle materials (PP, PE, Aluminum)



\*Cross section



This technological breakthrough brings new hope to the environmental cause. By converting hard-to-process composite materials into practical recycling trays, we not only reduce the burden of waste on the environment but also establish a sustainable recycling loop. This innovation holds the potential to drive the recycling industry toward a greener and more efficient future, contributing to the Earth's eco-friendly and sustainable development.





For additional desiccant solutions visit [wisesorbent.com](http://wisesorbent.com)

**WiseSorbent Technology LLC**

140 rue du Canal du midi, ZAC de la  
Masquere, Escalquens, Haute Garonne, France, 31750

**33(0)661840513**

[info@wisesorbent.com](mailto:info@wisesorbent.com)