

# Micro-Pak Introduction

## Products & Services



**MICRO-PAK®**

Unrivalled Mold & Moisture Protection

# Micro-Pak Introduction

**Micro-Pak was established in 1998 and is the leading supplier of mold prevention products and technical services to global brands and retailers**

***2 Billion***  
***Annually***

Our products are used in the packaging of over 2 billion consumer goods every year.

***3,500***  
***Factory Assessments***

Through our technical offices in China, Vietnam, India, Bangladesh and USA we conduct 3,500 factory assessments in 15 countries every year.

***Global***  
***Network***

Over 30 distributors throughout the world.

# Micro-Pak® Stickers

**MICRO-PAK®**  
Unrivalled Mold & Moisture Protection

**Advanced Anti-Mold  
Protection for Footwear  
and Box-Packed Items**



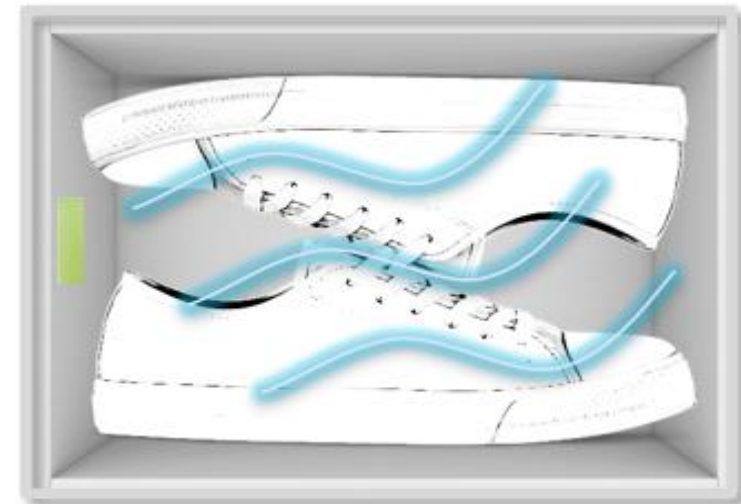
# Micro-Pak® Stickers

- ✓ **Anti-Microbial** – Actively eliminates mold. Long-lasting protection
- ✓ **Safe** – EPA Registered. BPR and REACH compliant.
- ✓ **Proven** – Used in over 1 billion packages every year.



**Activated by Moisture**

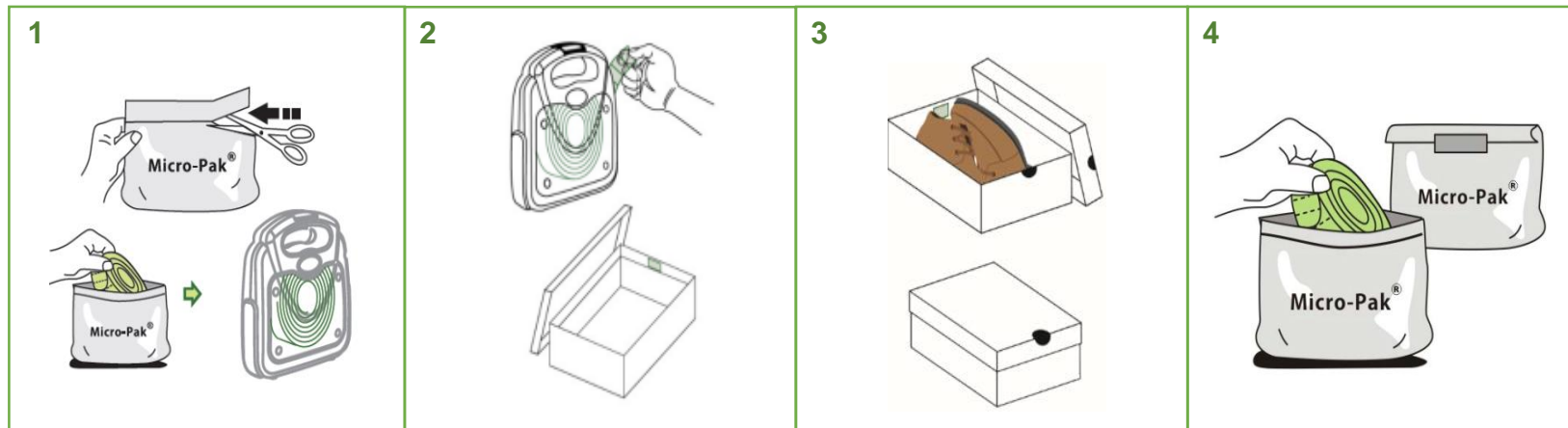
Creates an anti-microbial atmosphere within the package



# How to Use Micro-Pak® Stickers



- **Regular Shoes:** Use 1 sticker (stick to short side of box)
- **Boots:** Use 2 stickers (one on each short side of box)
- **Do not use stickers inside polybags or with items made from natural furs**



# Micro-Pak® PE Sheets

**MICRO-PAK®**

Unrivalled Mold & Moisture Protection

**Advanced Anti-Mold Protection for  
Any Products Packaged in Polybags.**



# Micro-Pak® PE Sheets

- ✓ **Anti-Microbial** – Actively eliminates mold. Long-lasting protection
- ✓ **Safe** – EPA Registered. BPR and REACH compliant.
- ✓ **Proven** – Used in over 1 billion packages every year.



**Activated by Moisture**



Creates an anti-microbial atmosphere within the polybag



Sheets Video - <https://vimeo.com/user100063504/sheets>

# How to Use Micro-Pak® PE Sheets

- **5 Sizes:** 16cm x 8cm / 25cm x 25cm / 40cm x 30cm / 60cm x 40cm / 160cm x 60cm
- **The goal is to maximize the total area of the product in contact with the PE sheet**

Example Usage (Individual Packed Items)	Recommended Size and Quantity of PE Sheets
Tops (T-shirts, Button Ups, Polos) & Shorts	1 piece of 25cm x 25cm
Bottoms (Pants, Dresses)	1 – 2 pieces of 25cm x 25cm
Denim Jeans	2 pieces of 25cm x 25cm
Hoodies, Sweaters, Vests	1 - 2 pieces of 25cm x 25cm
Light Jackets	1 piece of 60cm x 40cm <u>or</u> 2 pieces of 40cm x 30cm
Heavy Winter Jackets	2 pieces of 60cm x 40cm <u>or</u> 4 pieces of 40cm x 30cm



# Micro-Pak MPX2® Polybags

- ✓ Anti-Mold Function
- ✓ 100% Recycled LDPE
- ✓ Reduces Packaging Material
- ✓ No Special Handling



MPX2® Polybags have a unique built-in anti-microbial technology that eliminates mold growth on direct contact

# Micro-Pak Dri Clay® Kraft



## Sustainable Moisture Control

Micro-Pak Dri Clay® Kraft is a **plastic-free** desiccant made from **natural** bentonite clay that is packaged in **biodegradable**, FSC-certified Kraft paper.

**Eliminate plastic and chemical-based desiccants  
with Micro-Pak Dri Clay® Kraft**

# Micro-Pak Dri Clay® Kraft



- ✓ **Sustainable** – Natural clay in certified plastic-free, biodegradable paper packaging
- ✓ **Effective** - Outperforms silica gel and calcium chloride
- ✓ **Safe** – No leakage and non-corrosive. REACH exempt.

Available in 5 Sizes (grams) – 2g, 6g, 17g, 33g 66g

# Micro-Pak Dri Clay® Kraft

What would you prefer in your packaging?



# MICRO-PAK MPCD ECO™ CONTAINER DESICCANTS

## Eco-Friendly

Made with 100% recycled materials  
(non-woven, hook and master polybag)

## Economical

Low cost per container

## Superior Cargo Protection

Absorbs 2X more moisture than other desiccants

**MICRO-PAK®**

Unrivaled Mold & Moisture Protection



# MPCD ECO™ Usage

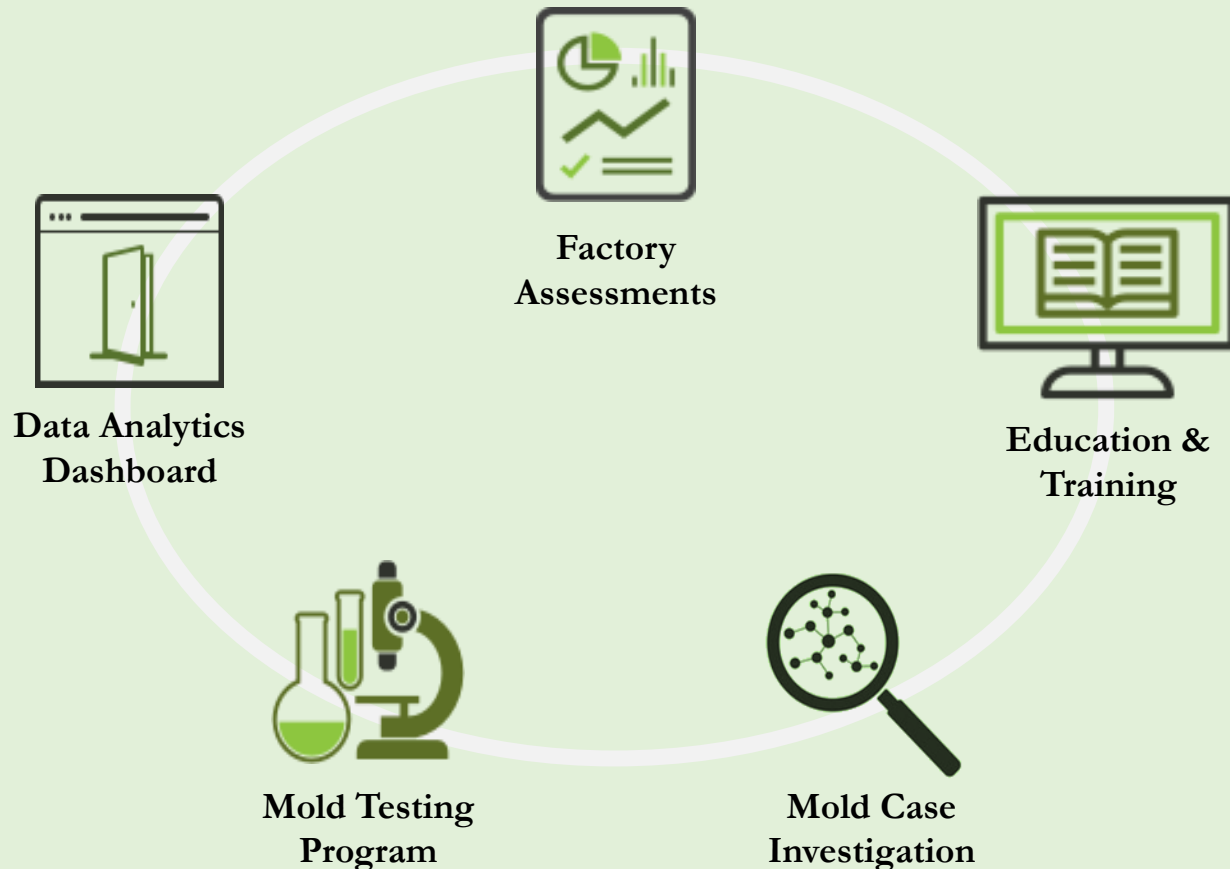
**Absorbs 2X more moisture than comparative products so you can use less inside each container and save on cost.**

Container Size	MPCD ECO™ (pieces)
20'	4
40'	6
40' HQ	7
45'	8



# MICRO-PAK TECHNICAL SERVICES

Unrivalled in scale and quality, Micro-Pak technical services help factories eliminate mold and moisture-related issues from the point of production.



# FACTORY ASSESSMENTS

Eliminate shortcomings in production that could lead to mold or moisture issues.



**Unrivalled Scale & Quality**

**3,500 factory assessments  
in over 15 countries every year.**

**Technical offices:**

**China**

**Vietnam**

**India**

**Bangladesh**

**USA**



**120 Inspection  
Points**



**Moisture  
Management**



**Mold  
Sampling**



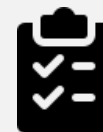
**UV Tunnel  
Testing**



**Micro-Pak  
Application**



**Container  
Loading**



**Corrective Action  
Planning**

# EDUCATION & TRAINING

Develop your own in-house mold prevention experts.



Arm yourself with the knowledge to prevent mold problems before they happen, with our free training resources:

**Multi-lingual Seminars**  
**On-demand Webinars**  
**Online Training Courses**

**Get Certified Now**

**<https://www.micropakltd.com/en/training-course>**

# MOLD TESTING PROGRAM

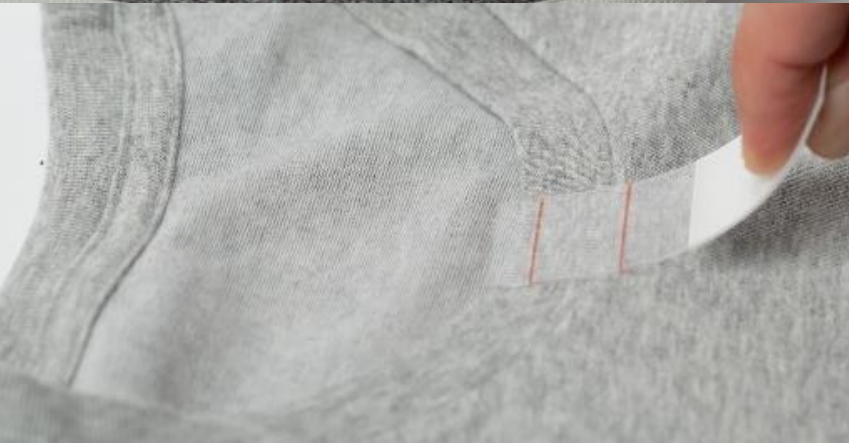
Test for mold contamination in a simple, fast, and cost effective manner.



Test raw materials and finished goods prior to production and shipment.

Micro-Pak operates global microbiology labs with advanced mold testing capabilities:

Microscopy  
Antigen Analysis  
Fluorometric Reaction  
Incubation  
ATP Monitoring



# MOLD CASE INVESTIGATION

Identify the root cause of problems and prevent recurrence.



**Got Mold? We Can Help.**

**We combine a lab analysis of the moldy samples with an assessment of the production facility to identify possible causes and recommendations for improvement.**

**Sample Analysis  
+  
Factory Assessment  
+  
Industry Data  
=  
Identify Possible Root Causes  
+  
Recommendations to Prevent Recurrence**

# MICRO-PAK FACTORY PORTAL

Advanced data analytics at your fingertips.



**Gain a complete view of your factory performance.**

**Digital Reports & CAPs**

**Advanced Data Analytics & Filtering**

**Monthly Performance Newsletters**

**Desktop & Mobile Access**

**MICRO-PAK®**

Unrivalled Mold & Moisture Protection

# THE MICRO-PAK PLASTIC RECYCLING FACTORY



**Making a Genuine and Measurable Impact in Recycling**

# Recycling Factory Goals

Remove 5X as much plastic from the waste stream each year than what we create.

Turn plastic waste into the highest quality GRS-certified 100% post-consumer recycled resin.

Use the resin in our own products and sell it to other manufacturers.



# Appendix: Regulatory Compliance



## USA

- ✓ **EPA (Environmental Protection Agency)** – Our products are fully registered and compliant for safety and efficacy.
- ✓ **Registered in all 50 US States including California**



## Europe

- ✓ **BPR (Biocidal Products Regulation)** – Our products are in full compliance and are listed on the BPR Article 95 list.
- ✓ **REACH Compliant** and pass all tests for Substances of Very High Concern (SVHCs)



# Contacts

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