MEDICAL PACKAGING

About Liveo Research

Your Partner for More Sustainable Solutions

- Innovative packaging specialist for more than sixty years
- Strong global technical support to enable fast qualification and meet change requirements
- De-risked supply chain with multiple most modern extrusion lines
- R&D centers in Europe, USA, and Asia

Four State-of-the-Art Manufacturing Sites with Global Reach



1. Boetzingen, Germany 2. New Castle, USA 3. Singapore 4. Taicang, China
● Distribution Partners

Highest Level of Expertise in Rigid Films for Medical & Pharma Packaging

With more than 60 years of experience, Liveo Research is the expert in engineering-driven APET, PETG, PP, and PVC solutions combining performance, sustainability and reliability of supply.

Sustainability & Innovation Portfolio

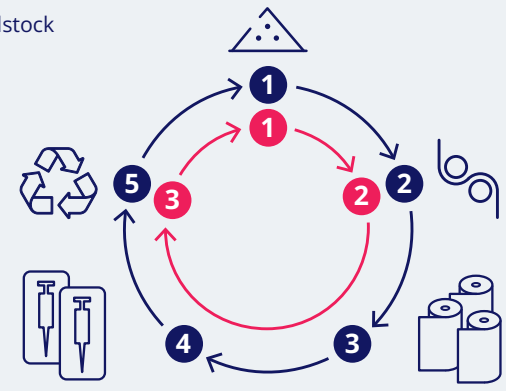
- APET & PETG grades with PCR / PIR content
- Customer-dedicated solutions (e.g., regrind requirements)
- Our One-Material Tray (OMT™) made from PET (bottom and lidding)
- Liveo Research LCA & ESG Services: helping customers make informed decisions for ESG reporting (e.g., footprint data) and EPR implications (fees, taxes, etc.).

Turning two Parallel Waste Streams into Valuable Raw Material

We blend PIR with PCR/ virgin material to use as feedstock

We collect and recycle skeletal waste to produce PIR

Customers produce rigid packaging (Skeletal waste by product)



1-5 process loop with customers

1-3 process loop within Liveo Research

We produce films (Skeletal waste by product)

We supply films to customers

Circular recycled-material platform: we turn both in-house production scrap and customer skeleton waste into valuable post-industrial recycled feedstock for new film and sheet applications, where applicable

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The Product Portfolio in Detail

LIVEO RESEARCH

Our tailormade product portfolio, across multiple medical and pharma applications, utilizes market-leading resins and innovative / more sustainable alternatives. All products are suitable for standard cavity depths.

MATERIAL	THICKNESS RANGE	PACKAGING TYPE	FURTHER CHARACTERISTICS	RECY-CLABILITY
MediForm™ MG / RecyForm MG (PETG)	150 – 1.000 µm	Primary or secondary	• Designed for demanding geometries and deep-draw applications • Multiple resin options for tailored performance • Available with chemically recycled content	
MediForm™ MA (APET)	150 – 1.000 µm	Primary or secondary	• Medical-grade PET for reliable performance • Optimized for high clarity and process stability • Forms a One-Material Tray (OMT™) when combined with peelable (MediLid™ MA PL) or push-through (MediLid™ MA PT) lidding	Suitable for RIC 1 recycling streams
RecyForm™ MA (R/APET)	150 – 1.000 µm	Secondary	• 35%-70% PCR content; higher levels upon request • PCR in the inner layer, virgin material in the outer layers	Suitable for RIC 1 recycling streams
MediForm™ MP (PP)	150 – 600 µm	Secondary	• Low density with strong barrier performance • Ideal for efficiency-driven secondary packaging	Suitable for RIC 5 recycling streams
MediForm™ MV (PVC)	250 – 600 µm	Secondary	• Calendered PVC film with proven forming behavior • Reliable solution for robust secondary packaging	

- Reel widths are between 100 – 1.600 mm
- Available colors: transparent-neutral (clear), medical blue, white, and other colors upon request

Quality & Application Confidence

- Material and Process Know-How: consistent forming behavior, tight thickness control, and 100% visual inspection of the surface to ensure excellent quality and the highest performance levels
- Sterilization compatibility data available (e.g., EtO / Gamma depending on grade & application)
- Structured documentation and trial support during qualification
- All manufacturing sites operate in accordance with GMP standards
- **ISO 9001, ISO 14001, ISO 15378, EMAS III**
- ISO 10993 for selected virgin grades and USP Class VI for the used resins (T6700, T6800 and P1000)

SCIENCE BASED TARGETS
DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

GOLD PLATINUM Top 1% ecovadis Sustainability Rating JAN 2026

We support material selection, trials and qualification:
FAST, STRUCTURED, AND ENGINEERING-LED.

Let's discuss your next packaging project!

More than 60 years of experience that we are glad to share!

info@liveoresearch.com **www.liveoresearch.com**
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