

A row of clear plastic bottles with blue caps is shown in a close-up, slightly blurred perspective. The bottles are arranged in a line, receding into the background. The background is a dark, textured surface, possibly a metal mesh or a similar material. The lighting is dramatic, highlighting the edges of the bottles and the caps.

**INNOVATING
BARRIER
PACKAGING
FOR A
SUSTAINABLE
FUTURE**

Honeywell

THE HONEYWELL CARBON NEUTRALITY COMMITMENT

We pledge to achieve carbon neutrality in our facilities and operations by 2035. Here's where we stand today:



90% REDUCTION

in greenhouse gas intensity since 2004



70% IMPROVEMENT

in energy efficiency since 2004



~3,000 ACRES

remediated and restored as valuable community assets



5,700

Sustainability projects since 2010



~50% OF NEW PRODUCT RESEARCH AND DEVELOPMENT

investment focused on solutions that improve environmental and social outcomes for customers



42 MILLION CARS

the equivalent of cars removed from the road for one year thanks to Honeywell Solstice®



155 MILLION GALLONS

of water saved in water-stressed areas since 2013

CONTINUED INNOVATIONS DRIVING SUSTAINABLE PACKAGING

For our pharmaceutical and biopharmaceutical customers, creating a safer and more sustainable future is a strategic imperative. Honeywell shares this commitment and has a long-term strategy to support it both at the corporate and product offering levels. Aclar® barrier films and Aclar Edge™ bottles protect medicines that improve the lives of individuals throughout the globe by providing the moisture barrier protection needed for drug stability and patient safety. Tried and trusted throughout the pharma industry, Aclar barrier films and bottles preserve shelf-life and efficacy of medicines while being committed to providing a more sustainable packaging solution.



THE ACLAR COMMITMENT TO A SAFER AND MORE SUSTAINABLE FUTURE

- The Aclar portfolio carbon footprint has improved by **over 50 percent** since 2012
- Aclar films contain **up to 25 percent** virgin reclaim material from our production process
- We have **reduced waste** from Aclar® films production **by 29%¹**
- Aclar film blisters provide **up to 12 percent reduction** in material when compared to High Barrier PVdC
- **Reduce** pack size and secondary packaging **up to 55 percent** with thermoformed Aclar blisters²



¹ Over a 5-year period

² Compared to the same material packaged in Alu/Alu

CERTIFICATE OF TECHNICAL RECYCLABILITY

TerraCycle® has developed a separation process demonstrating technical recyclability for Honeywell Aclar Edge multilayer bottles, and Aclar Film blisters for PVC and PETG structures.



PVC-FREE ACLAR SOLUTIONS FOR ROBUST PROTECTION

Oral Solid Dose

Aclar laminated to PET or PP provides a more sustainable PVC-free option. The PVC-free laminate options, available through our network of converter partners, for Aclar & Aclar Accel™ barrier films help protect the efficacy of medicine and lower total packaging costs for oral solids. These compatible options include PET, PP, and COC.

Oral Liquid

Innovative Aclar Edge bottles for oral liquids contain no PVC while offering robust protection without glass. Offered in 30 mL – 750 mL range.

PARTNER WITH HONEYWELL

We are conducting development work to devise a recyclable separation process for Aclar blisters and Aclar Edge Bottles. Let us know if you may be interested in partnering with Honeywell to pilot a post-patient or post-consumer use recycle program. Contact us today.

For more information

lifesciences.honeywell.com

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THE
FUTURE
IS
WHAT
WE
MAKE IT

Honeywell