

IMPROVE PRODUCT PROTECTION WITH LESS MATERIAL AND MORE BARRIER

Honeywell Aclar® laminates for medical device
thermoform trays.



Honeywell

DESIGN FLEXIBILITY WITH RIGID QUALITY STANDARDS

Aclar film protects your medical devices from damage and moisture while reducing material utilization to minimize waste. The durability and flexibility of Aclar thermoformable films offer several reasons why it is the ideal choice for medical device packaging. Don't trust your products to anything less.

Aclar, a poly-chloro-trifluoro-ethylene (PCTFE), offers high-performance protection and design flexibility for trays for medical devices and components. Flexible, formable and strong, it is a thin, compact material that brings protection for the industry's essential products.

Providing an essential layer of moisture barrier, Aclar can be laminated to a semi-rigid substrate that can be thermoformed or deep drawn. Trusted for over 40 years in pharmaceutical packaging, its unique properties provide a better solution for business needs and customer requirements:

- **Formability** for high design flexibility, Aclar reduces material usage volumes, packaging weight and waste for device containment compared with alternatives.
- **Protection** with ultra high moisture barrier protection, PCTFE offers cryogenic properties, delivering high performance at temperatures from sub-zero to ICH conditions.
- **Clarity** with PCTFE which is non-yellowing with exceptional transparency, Aclar is the clear choice to enhance compliance as the user or clinician will be able to see the product inside. Aclar helps preserve shelf-life as well.

	ACLAR LAMINATE	STANDARD PET/PP/PE	ALUMINUM OVERWRAP
High Moisture Barrier	✓	✗	✓
Wide range of chemical resistance	✓	✗	✓
Formability	✓	✓	✗
Cryogenic	✓	✗	✗

A TRUSTED CHOICE

With a proven record of four decades' use in pharmaceutical packaging, Aclar has helped lower costs, improve operational flexibility and increase profitability for life sciences businesses worldwide.

Aclar offers superior moisture protection compared to traditional PET, PP and PE trays with exceptional transparency when compared to aluminum overwraps.

WHY HONEYWELL?

We can support you with complete testing facilities, experienced technical teams and packaging-specific cost evaluation tools to find the right solution for your business.

PRODUCT SPECIFICATIONS				
SKU	Mil	µm	WVTR*	
			English [g/100in ² d]	Metric [g/m ² d]
Rx160	0.6	15	0.027	0.419
SupRx 900	0.9	23	0.017	0.264
UltRx 2000	2.0	51	0.077	0.119
UltRx 3000	3.0	76	0.0057	0.088
UltRx 4000	4.0	102	0.0042	0.065
UltRx 6000	6.0	152	0.0025	0.038

*Test conducted at 38°C (100°F) and 100% rH ; ASTM F1249

For more information:

To learn more about Honeywell Aclar Film, visit <https://lifesciences.honeywell.com/us/en/applications/healthcare-packaging> or contact your Honeywell account manager.

Honeywell Fluorine Products

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BRO-23-93-EN | 10/23
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