



PERLALUX®

ACLAR®

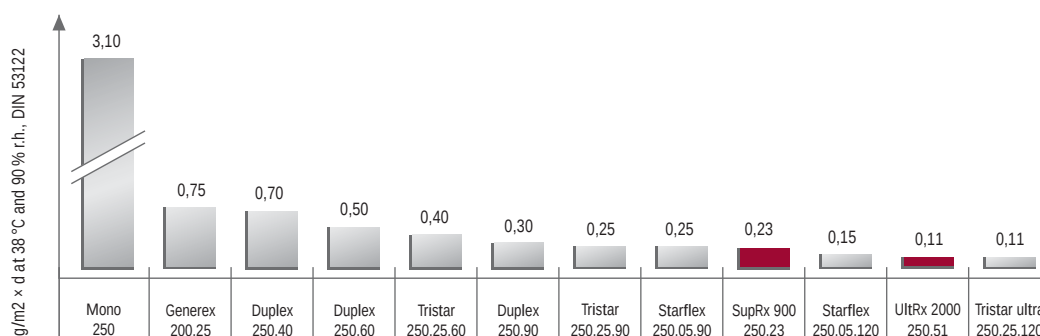
Our composite film with an ACLAR® barrier layer for high demands on water vapour permeability. The films of this high-barrier product group are especially suited for hygroscopic products and for use in demanding climate zones.

The ACLAR® barrier films can be used on all common blister machines and packaging lines.

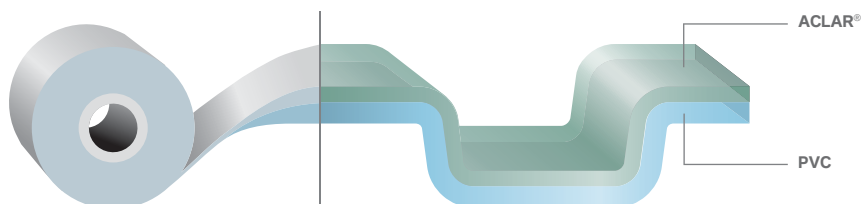
They are available in transparent or opaque.

ACLAR® is the brand name and registered trademark of Honeywell International, Inc. for PCTFE (Polychlorotrifluoroethylene).

Water vapour transmission rate (WVTR)



Cross-section



Technical data for the standard products

Characteristics	250.23	250.51	Test method
ACLAR®-Type	SupRx 900	UltRx 2000	
Total weight [g/m²]	386	445	DIN 53352
Total thickness [µm]	276	304	DIN 53370
Thickness PVC [µm]	250	250	DIN 53370
Thickness ACLAR® [µm]	23	51	DIN 53352
Thickness adhesive [µm]	3	3	DIN 53370
Shrinkage [%/140°C, 10 min]	+ 5	+ 5	DIN 53377
Barrier Values			
WVTR [40°C, 75% r.h.] [g/m² x d]	0.23	0.11	ASTM F 1249
O ₂ Barrier [23°C, 50% r.h.] [cm³/m² x bar x d]	11.0	10.0	ASTM D 3985

Other combinations (PVC gauges, ACLAR® types) are available.

r.h. = relative humidity

The figures given are reference values for standard executions and correspond to our current knowledge. No liability may be inferred for results that may be obtained in the application of our products.

PERLALUX® – Full Range of Blister Films

International Registrations: FDA, USA (registered DMF No. 10686 and 9072) as well as SFDA (Chinese State Food and Drug Administration) our films comply with all the current international guidelines, directives and standards for pharmaceutical packaging materials.

	Structure	Coating	WVTR Barrier	O ₂ Barrier
PERLALUX® - Mono	 PVC	–	Δ	Δ
PERLALUX® - Generec	 PVdC PVC	25g/m² PVdC	ΔΔ	ΔΔΔ
PERLALUX® - Duplex	 PVdC PVC	40g/m² PVdC 60g/m² PVdC 90g/m² PVdC	ΔΔ ΔΔ ΔΔΔ	ΔΔΔ ΔΔΔΔ ΔΔΔΔΔ
PERLALUX® - Tristar	 PVdC PE PVC	40g/m² PVdC 60g/m² PVdC 90g/m² PVdC	ΔΔ ΔΔ ΔΔΔ	ΔΔΔ ΔΔΔΔ ΔΔΔΔΔ
PERLALUX® - Starflex	 PVdC TE PVC	90g/m² PVdC 120g/m² PVdC	ΔΔΔ ΔΔΔΔ	ΔΔΔΔ ΔΔΔΔΔ
PERLALUX® - Tristar ultra	 PVdC PE PVC	120g/m² PVdC	ΔΔΔΔΔ	ΔΔΔΔΔ
PERLALUX® - ACLAR®	 ACLAR® PVC	SupRx 900 UltRx 2000	ΔΔΔΔ ΔΔΔΔΔ	Δ Δ
PERLALUX® - Suppo	 PVC / PE PVC / PVdC / PE	– 40g/m² PVdC	Δ ΔΔ	Δ ΔΔΔ
PERLALUX® - Liquid	 PE PVdC PC	40g/m² PVdC	ΔΔ	ΔΔΔ

Δ low standard
 ΔΔ middle standard
 ΔΔΔ high standard
 ΔΔΔΔ very high standard
 ΔΔΔΔΔ extremely high standard

Other types available on request.

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