

PERLALUX® – PCTFE

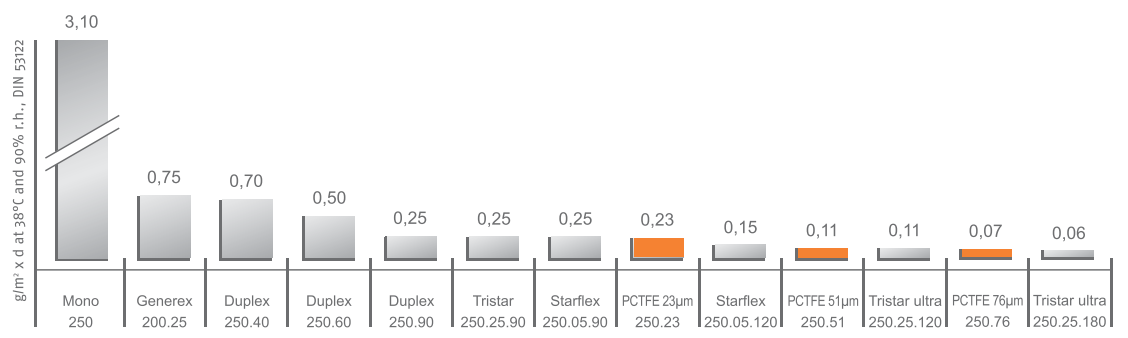
Our composite film with an PCTFE (Polychlorotrifluor-ethylene) barrier layer for high demands on water vapour permeability. The films of this high-barrier product are especially suited for hygroscopic products and for use in demanding climate zones.



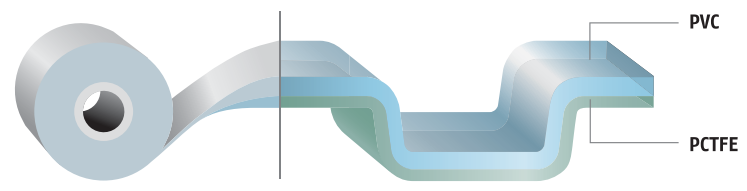
The PCTFE barrier films can be used on all common blister machines and packaging lines.

They are available in transparent or opaque.

Water vapour transmission rate (WVTR)



Cross-section



Technical data for the standard products

Characteristics	250.23	250.51	250.76	Test method
PCTFE-Type	PCTFE 23µm	PCTFE 51µm	PCTFE 76µm	
Total weight [g/m ²]	386	448	501	DIN 53352
Total thickness [µm]	276	304	329	DIN 53370
Thickness PVC [µm]	250	250	250	DIN 53370
Thickness PCTFE [µm]	23	51	76	DIN 53352
Thickness adhesive [µm]	3	3	3	DIN 53370
Shrinkage [%/140°C, 10 min]	+ 5	+ 5	+ 5	DIN 53377
Barrier Values				
WVTR [40°C, 75% r.h.] [g/m ² x d]	0.23	0.11	0.07	ASTM F 1249
O ₂ -Barrier [23°C, 50% r.h.] [cm ³ /m ² x bar x d]	11.0	10.0	10.0	ASTM D 3985








Other combinations (PVC gauges, PCTFE 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® - Generex	 PVdC PVC	25g/m ² PVdC	ΔΔ	ΔΔΔ
PERLALUX® - Duplex	 PVdC PVC	40g/m ² PVdC 60g/m ² PVdC 90g/m ² PVdC	ΔΔ ΔΔ ΔΔΔ	ΔΔΔ ΔΔΔΔ ΔΔΔΔ
PERLALUX® - Tristar	 PVdC PE PVC	40g/m ² PVdC 60g/m ² PVdC 90g/m ² PVdC	ΔΔ ΔΔ ΔΔΔ	ΔΔΔ ΔΔΔΔ ΔΔΔΔ
PERLALUX® - Starflex	 PVdC TE PVC	90g/m ² PVdC 120g/m ² PVdC	ΔΔΔ ΔΔΔΔ	ΔΔΔΔ ΔΔΔΔΔ
PERLALUX® - Tristar ultra	 PVdC PE PVC	120g/m ² PVdC 180g/m ² PVdC	ΔΔΔΔΔ ΔΔΔΔΔ	ΔΔΔΔΔ ΔΔΔΔΔ
PERLALUX® - PCTFE	 PVC PCTFE	PCTFE 23µm PCTFE 51µm PCTFE 76µm	ΔΔΔΔ ΔΔΔΔΔ ΔΔΔΔΔ	Δ Δ Δ
PERLALUX® - Suppo	 PVC / PE PVC / PVdC / PE	– 40g/m ² PVdC	Δ ΔΔ	Δ ΔΔΔ
PERLALUX® - Liquid	 PE PVdC PVC	40g/m ² 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.