

Polyart Group offers complete solutions for your security label needs, from Tamper Evidence to embedded security features.

Polyart TE and AuthentiSeal are expanded HDPE films combining the properties of film and immediate delamination, for protecting goods against tampering and guaranteeing their integrity and authenticity.

TAMPER EVIDENT RANGE



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TAMPER EVIDENT

FACE STOCK RANGE

Polyart TE is a HDPE high cavitated film with a low internal cohesive strength. It specifically meets the requirements of tamper evident labels; when converted into a self-adhesive construction, Polyart TE brings a unique combination of advantages:

Destroys (delaminates) upon removal

At the first attempt to remove the label -thanks to its highly cavitated core layer giving very low internal cohesion- Polyart TE delaminates and shreds proving that the product has been tampered with.

Can be used in harsh environments

As it is made of High Density Polyethylene, Polyart TE is not altered by:

- water, grease, chemical products
- rubbing and handling, outdoor use
- low temperatures (-60°C, -76°F)

Excellent print quality adapted to most printing techniques (offset, flexography, thermal transfer ...).

Polyart TE looks like high end coated paper. A water-based inkjet version is available.

Converts easily: die-cuts accurately at high speed, adapted to holographic and foil stamping, kiss-cut compatible.

AuthentiSeal:

It has the same characteristics as Polyart TE, and thanks to our exclusive process, we can embed security features into the coating:



- visible UV fibers
- invisible UV fibers
- invisible UV polydots
- Taggants.

Authentiseal is the ideal tamper Evident platform to build your security solution on.



HDPE FILM

PRESSURE SENSITIVE FACESTOCK	Security Level	Properties / main benefits	Printing method	Basis weight
POLYART TAMPER EVIDENT				
TE coated 1 side	1	HDPE cavitated film. Easy delamination properties at first attempt of removal	Offset / Flexo / TTR	60 g/m ² - 109 µ
TE coated 1 side - water based inkjet	1	Water resistant inkjet coating on one side	Water based inkjet	70 g/m ² - 120 µ
TE PSL (uncoated)	1	Under development (2023)	Offset / Flexo / TTR	50 g/m ² - 100 µ
AUTHENTISEAL				
Authentiseal Platform	1 or 2	Possibility to embed with overt or covert security features (On demand)	Offset / Flexo / TTR	70 g/m ² - 115 µ

Typical applications are:

- warranty seals for spare parts, luxury goods, pharmaceutical products, automotive.
- wines and spirits tax stamps
- Product & Packaging seals for e-commerce & logistic
- Food delivery seals.

Polyart TE is a patented product, Patent No. : US 7,270,874 B2

