

VHP

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Title: Local Organic Fibres™
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Our expertise and patented new technologies allow us to incorporate up to 20% of a geography's local organic vegetable fibres in our paper substrate.

The Art of Local Organic Fibres

by
VHP Security Paper

Introducing

The unique properties of local organic fibres



Local organic fibres and banknote production

For many years, VHP Security Fibres has cooperated with central banks in geographies that both produce local organic vegetable fibres and are willing to use these natural resources in the production of their national banknotes.

Thanks to these long-standing relationships, we have worked to develop our expertise and patented new technologies that allow us to incorporate up to 20% of a geography's local organic vegetable fibres in our paper substrate, without altering the paper's integrity and durability.

Why do we use local organic fibres?

Integrating a percentage of locally grown organic fibres with standard cotton fibres when producing a country's national banknotes helps to demonstrate a sense of pride in the nation's farmers and the work they do.

It also forges a lasting connection between the nation's people and their agricultural heritage.



What are the benefits of using local organic fibres?

When compared with 100% cotton banknotes, banknotes made with local organic fibres have a unique appearance and provide a range of ethical and positive benefits.

Banknotes made with local organic fibres:

- Contribute to the local economy
- Promote ethical and sustainable farming
- Enable transparent traceability in the local supply chain
- Provide positive public relations around the Central Bank's reputation

Madagascar - a case study

Sisal fibres come from the “Agave Sisalana” plant which is native to Madagascar and to many other tropical countries.

Sisal contains a high proportion of cellulose.

A high degree of alpha-cellulose and sisal fibres are used in many paper applications because of their specific mechanical resistance properties.e.



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