



Security additives

offer for paper-mills

Security paper additives





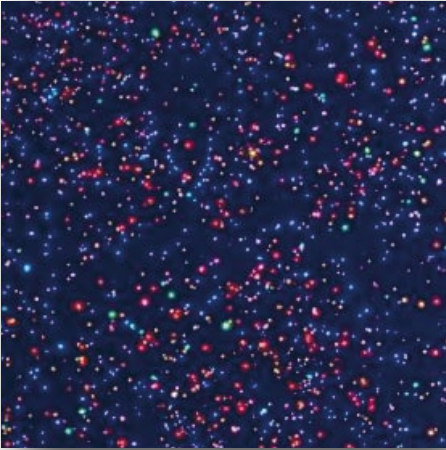
Fibres and particles to make your paper easily identifiable

The specialists of the Document Security Laboratory of ANY Security Printing Company PLC have developed numerous complex, effective protection solutions. Our Company – as a result of its decades of experience – can assist its customers in document and product protection projects from conceptual planning to implementation. Furthermore, it can serve partners who need only partial solutions for their particular projects.

Our Company offers coloured and colourless, fluorescent and non-fluorescent fibres in different lengths, made of polyamide and viscose; shiny dots emitting different colours of fluorescence in order to enhance the security of paper



Shiny dots



Shiny dots are highly luminescent, invisible particles. These particles are classified regarding their size and then placed into the paper during its manufacturing.

These dots may have different fluorescent colours and/or other security features. The application of shiny dots has several advantages:

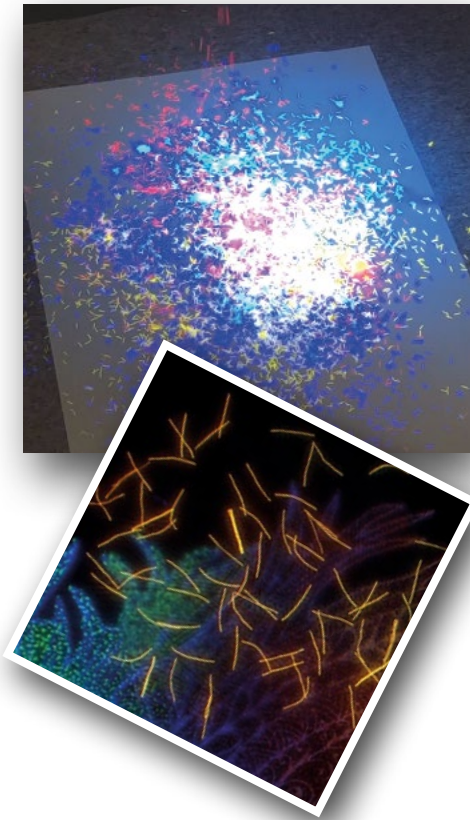
- easy to achieve homogenous distribution of the particles
- the adhesion is good between the paper fibres and the particles
- due to the small dimensions of the particles virtually no printing problem occurs caused by particles close to the paper surface
- if any of the particles would fall out from the paper during printing process they leave no detectable trace
- very nice, "starry sky" like looking
- their application does not affect neither the luminescent nor the visible printed features of the document

Our standard range of products:

shiny dots name	luminescence 365 nm	luminescence 254 nm	luminescence 302 nm	luminescence 403 nm	luminescence IR 980 nm
Shiny Dot Blue 31	blue	blue	blue	-	-
Shiny Dot Red 32	red	red	red	-	-
Shiny Dot Green 33	green	green	green	-	-
Shiny Dot Orange 34	orange	orange	orange	-	-
Shiny Dot AS 35	-	-	-	-	green
Shiny Dot Yellow 39	yellow	yellow	yellow	-	-
Shiny Dot Green/AS 40	green	green	green	-	green

Besides our standard range we are ready to develop customer specific dots for our partners.

Fluorescent security fibres



Security fibres have been widely used for years to increase the security level of paper-based documents. ANY Security Printing Company PLC produces various coloured or colourless, fluorescent or non-fluorescent security fibres in various lengths and DTEX numbers that can be produced from either viscose or polyamide material.

Viscose

- Thickness: 3,3, 5,6, 28 dtex
- Length: 3, 4, 5, 6, 8 mm (frequently used: 3, 4, 6 mm)
- Cutting preciseness: 0.2 mm
- Minimum order quantity: 5 kg

security fibres code	colour	luminescence 365 nm	luminescence 254 nm	luminescence 302 nm	luminescence 403 nm
VB	blue	-	-	-	-
VBB	blue	blue	-	-	-
VG	dark green	-	-	-	-
VGG	green	green	-	-	-
VK	invisible	blue	-	-	-
VO	orange	-	-	-	-
VR	red	-	-	-	-
VS	yellow	yellow	yellow	yellow	yellow
VY	yellow	-	-	-	-
VZ	turquoise green	-	-	-	-
VZZ	green	green	green	green	green

Polyamide fibres

- Thickness: 3.3, 6.7, 22 dtex
- Length: 3, 4, 5, 6, 8 mm
(frequently used: 3, 4, 6 mm)
- Cutting preciseness: 0.2 mm
- Minimum order quantity: 5 kg



security fibres code	colour	luminescence 365 nm	luminescence 254 nm	luminescence 302 nm	luminescence 403 nm
PB	blue	-	-	-	-
PBB	blue	blue	-	-	-
PF	black	-	-	-	-
PIBR	invisible	blue	-	red	-
PIG 545	invisible	-	greenish	-	-
PIR	invisible	-	-	red	-
PIV 613	invisible	-	red	red	-
PIY 545	invisible	yellow	yellow	yellow	yellow
PIY 570	invisible	warm yellow	yellow	yellow	yellow
PK	invisible	blue	-	-	-
PO	red	red	red	red	orange
PP	red	-	-	-	-
PRR	red	red	red	red	red
PS	yellow	yellow	yellow	yellow	yellow
PSSV	yellow	orange	yellow	orange	yellow
PU	invisible	red	-	-	-
PV	pink	orange	orange	orange	orange
PY	yellow	-	-	-	-
PZ	green	-	-	-	-
PZZ	green	green	-	-	-

ANY Security Printing Company PLC

About the Company

ANY Security Printing is currently the biggest security printing company and identity solution provider in Hungary, and present in more than 60 countries. With more than 1000 employees in 4 countries at 9 premises, its goal is to serve its Partners to the highest standards through continuous innovation and development. The Company's shares have been listed on the Budapest Stock Exchange in the premium category since 2005.

The Company helps state administration in secure person and innovative product identification projects from designing the concept to implementation. Its international qualifications and certificates assure the highest security in the field of document and card production, personalisation. Besides of manufacturing high security products ANY Security Printing Company PLC – as a system integrator – offers complex solution and know-how transfer for preparation, execution and operation of a document reform including a security printing house establishment.

The specialists of the Document Security Laboratory of ANY have developed numerous complex, effective protective solutions, including document printers, security inks, paper additives and special control devices. These products can be offered as a supplement to the project further maximizing the security features of the goods to be manufactured at the future plant. Our Company – as a result of its decades of experience – can assist its customers in document and product protection projects from conceptual planning to implementation. Furthermore, it can serve partners who need only partial solutions for their particular projects. In this manner, ANY Security Printing Company is a synergistic partner of paper-mills, security printing houses, state administration and private companies.

Its own Document Security Laboratory, references, special technology, security preparedness and more than 170 years of experience guarantee that it can offer the best possible products for its Customers. ANY believes in taking a comprehensive approach to security. That is why they strive to provide secure, durable and innovative solutions.



Our products are manufactured using cutting-edge technology coupled with our staff's innovative professional knowledge. Our references, special technology and security preparedness guarantee that we can offer the best possible product for our customers. Please do not hesitate to contact our colleagues if you have questions.

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