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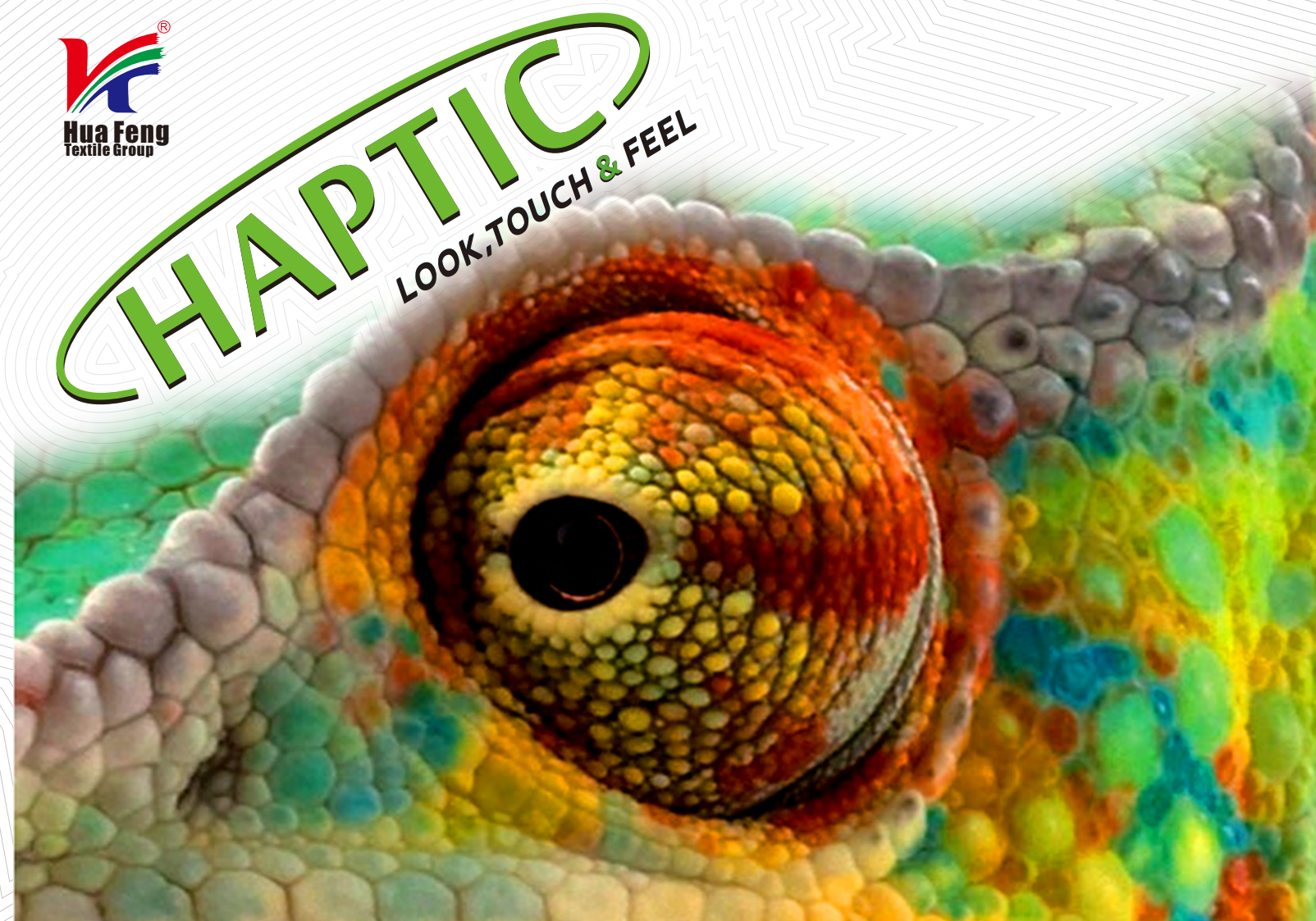
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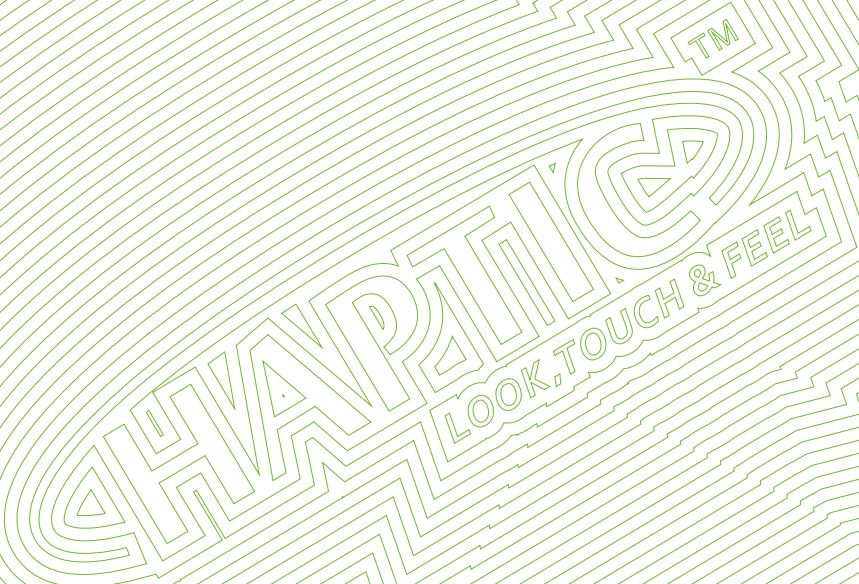
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**HAPTIC**  
LOOK, TOUCH & FEEL







Haptic is an innovative selective additive 3D coating technology. It is usually applied on polyester and nylon mesh for footwear, accessories and apparel applications.

## **FREEDOM OF DESIGN**

Materializing the benefits of Haptic technology designers feel free and nearly unlimited! All shapes of geometric designs, including fine lines small dots and full areas can be applied at various thickness levels. In addition effects such as metallic, anodized, flip-flop color shift, pearlescent, glossy, matte, thermochromic and photochromic effects can be selected.

## **EXCITING TOUCH & COMFORT**

Selective 3D additive manufacturing processes allow application of various coating materials at various coating thicknesses at specific locations. You can FEEL the result.

The soft but durable nature of the coating materials lead to maximum comfort. Seam-free surfaces – as stitching is no longer required – eliminate any risk of skin irritation.

## **EFFICIENT & SUSTAINABLE**

Haptic allows component manufacturing and lean supply chains with full accountability on quality and delivery. Additive manufacturing processes ensure highest material efficiencies. There is no cutting waste. Haptic coatings are formulated based on high-solid water-based chemistry ensuring safe workplaces and environmental protection.





# 3D Effects

...ing the benefits of Haptic...  
...unlimited! All shapes of geom...  
...dots and full areas can be applied...  
...effects such as metallic, anodized...  
...pearlescent, glossy, matte, thermochromic and...  
...can selected.

## EXCITING TOUCH & COMFORT

Selective 3D additive manufacturing processes...  
...various coating materials at various coating th...  
...locations. You can FEEL the result .  
The soft but durable nature of the coating mat...  
...comfort. Seam-free surfaces - as stitching is...  
...eliminated any risk of skin irritation.

## EFFICIENT & SUSTAINABLE

...s component manuf...

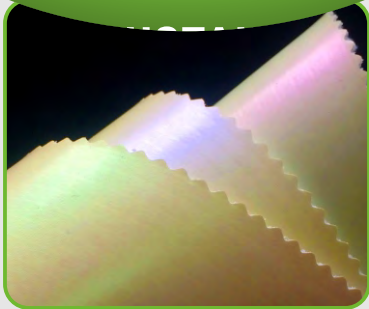
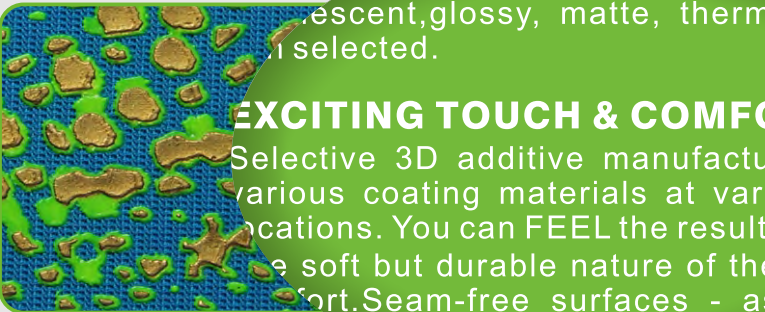
Seamfree comfortable & soft  
3D effects

Any shape possible  
-fine lines  
-dots  
-full areas

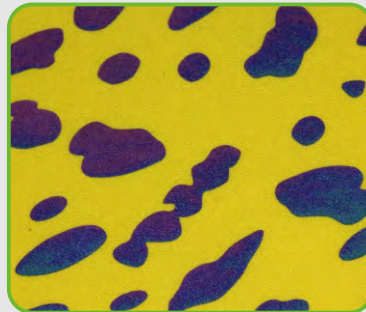
Mult-level designs possible







## Color



Uni  
Metallic  
Anodized  
Flip-Flop  
Special Effects





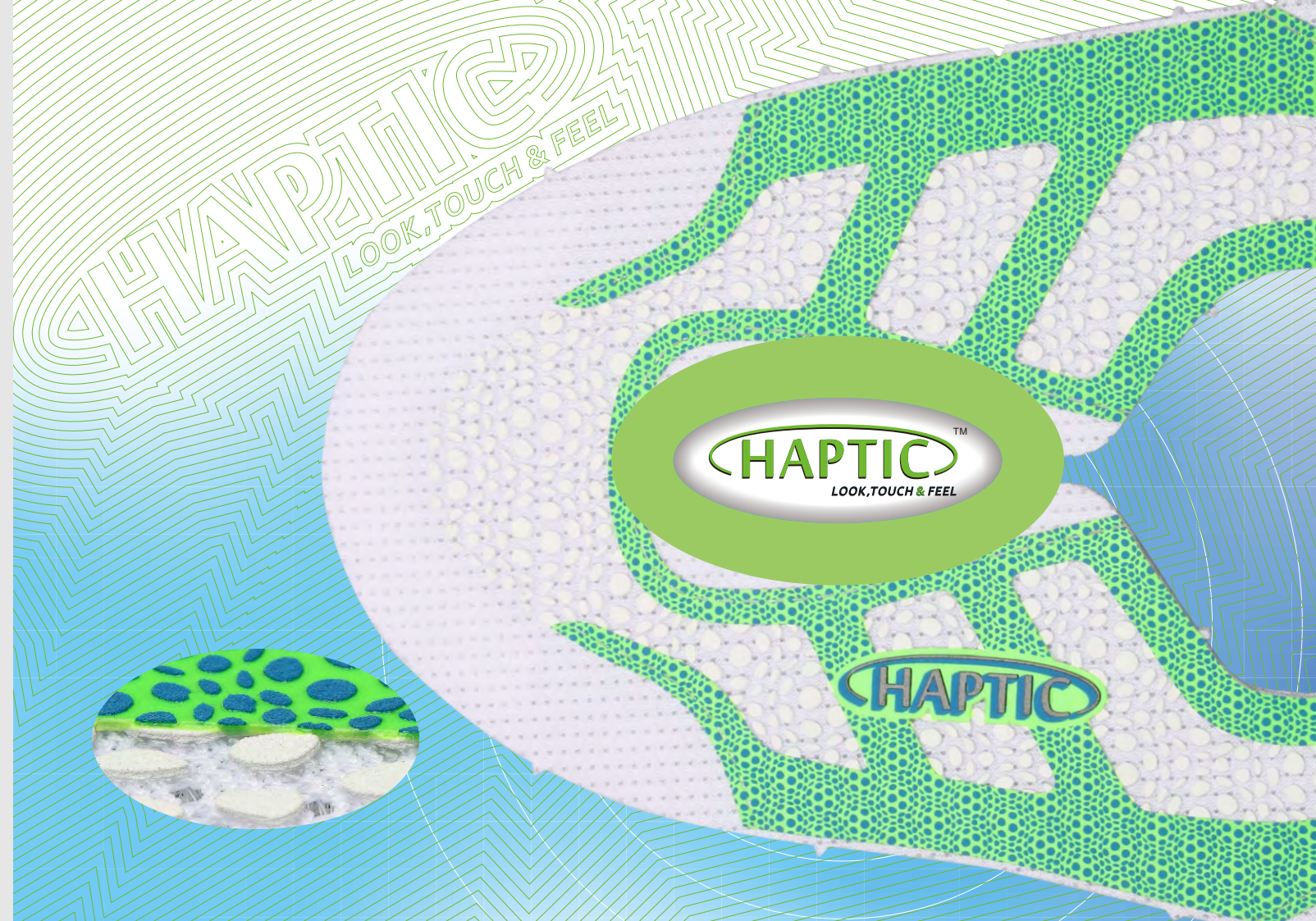
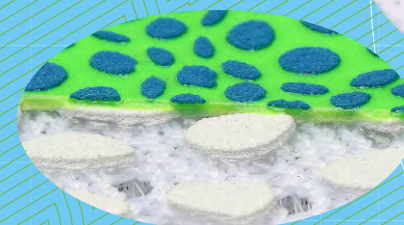
...ssy, matte, ...  
...ed.

## ...TING TOUCH & COMFORT

...ctive 3D additive manufacturing p  
...s coating materials at various  
...ns. You can FEEL the result .  
...but durable nature of the  
... free surfaces

# Gloss

Matte  
Semi-glossy  
High-gloss







**TOUCH & COMFORT**  
3D additive manufacturing  
creating materials at various  
levels of FEEL the

# Touch

Artificial  
Soft Nubuck  
Fine Texture  
Rough Texture



**HAPTIC**<sup>TM</sup>  
LOOK, TOUCH & FEEL





# Sustainability

## 3D additive manufacturing technology

- No cutting waste
- High material efficiency

## High-solids fully water-based chemistry

- High film build-up
- Less drying time & energy
- Enjoyable and safe work places



**Innovation Center**

**HUAFENG TEXTILE GROUP** is located in Putian City, Fujian Province, China. The company was founded in 1999 and since then focused on Textile Innovation & Supply Chain Integration. Vertical integration from yarn manufacturing to knitting, weaving, dyeing, digital printing and component manufacturing leads to high efficiency, quick response times and fully controlled quality management.



**Knitting**

Hand in hand with our customers highly educated specialists develop and manufacture outstanding innovative products for worldwide markets. Our passion is innovation & efficient manufacturing.

**Sustainability** is a must for Huafeng. Our strategy is implementing sustainable technology



**Dyeing**

for mass manufacturing. All roofs of our new factory will be fully equipped with photovoltaic panels. In addition wind mills generate electricity resulting in a very high percentage of sustainable electricity supply. State-of-the-art waste water treatment plants are installed in our new dyeing factory. In addition we are implementing water-less dyeing processes and digital inkjet technology.

