

CUBIC PRINTING®  
E-CUBIC®

<http://www.taica.co.jp/cubic-english/>



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# CUBIC PRINTING®

## E-CUBIC®

## *A Technology That Adds Color to a Wide Range of Items, Creating New Expressions.*

Refined original designs decorated by CUBIC PRINTING® and E-CUBIC® add life to cold materials, creating new atmospheres to our everyday lives.

Our "CUBIC PRINTING®" and "E-CUBIC®" is an original decoration technology, using special films printed with diverse range of designs. The special films are floated on to a body of water, and the objects to be decorated are pressed against the films to transfer the designs from the films using water pressure. This technology can be applied to a wide range of materials and complex three dimensional shapes, enabling it to be used in the fields of automobiles, home appliances, mobile phones, interior decorations, and many more.

As a pioneer of water pressure transfer printing technology, we are constantly developing new technologies and designs in order to meet our customers' needs.

## *GLOBAL LICENCE NETWORK*

Flexible production support is offered by our partners around the globe.

We have licensed our CUBIC technologies to numerous business partners around the world, creating a global "CUBIC Network". Through the CUBIC Network, we are capable of serving the global procurement needs of both Japan's and the world's leading companies.

### Europe



### Southeast Asia/Middle East



### Oceania



### Africa



### Asia



### North America



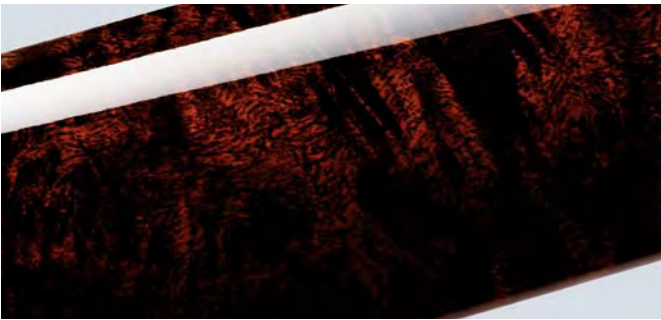


# CUBIC PRINTING®

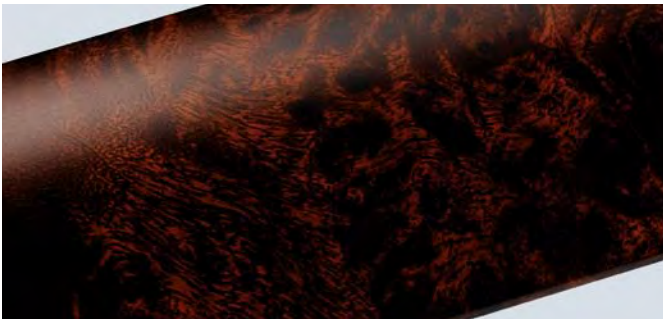
CUBIC PRINTING® and E-CUBIC® are being used around the world.  
It enables rich design expressions of full gloss, tinted clear, and soft feel by combining desired top coats with our original patterns .



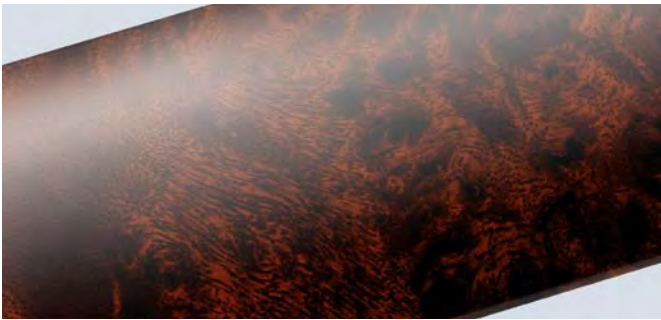
**Full Gloss**  
The full gloss top coat gives the touch of a polishing work of accomplished craftsmen, instantly conveying their added value and universal sense of luxury.



**Tinted Clear**  
The unique deepness of colors achieved with the tinted clear coat exudes the feel of seasoned crafting techniques.



**Matte Finish**  
The subtle shine of this coating brings out the inherent texture of the base materials.



**Soft Feel**  
The soft, smooth feeling of this top coat gives warmth and tenderness to otherwise cold manufactured products.

# E-CUBIC®

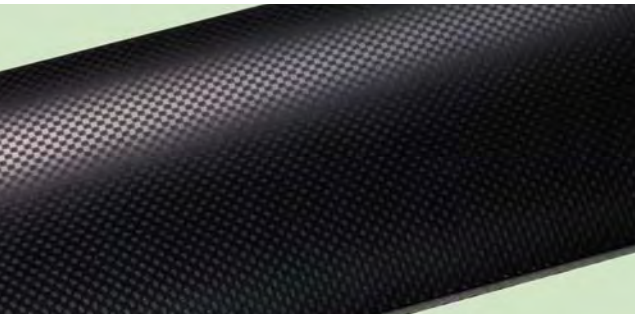
Two entirely different types of three-dimensional decoration designs made possible by Taica’s new water pressure transfer printing technology.

## Visual Three-Dimensional Designs

Different levels of shine are given to different areas of patterns, creating a visual sense of depths. This makes it possible to create highly textured surface designs, such as wood grain.



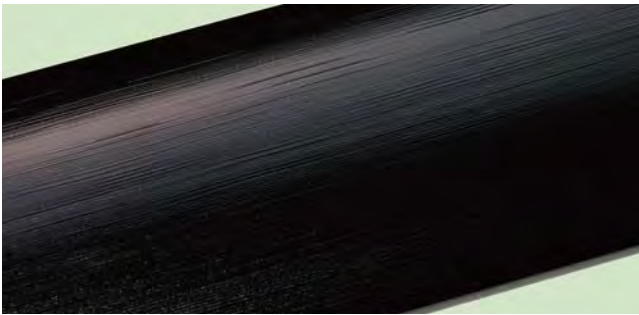
**Wood Grain**  
The visual three-dimensional effect combined with the most fine grain patterns creates the look and touch of real wood.



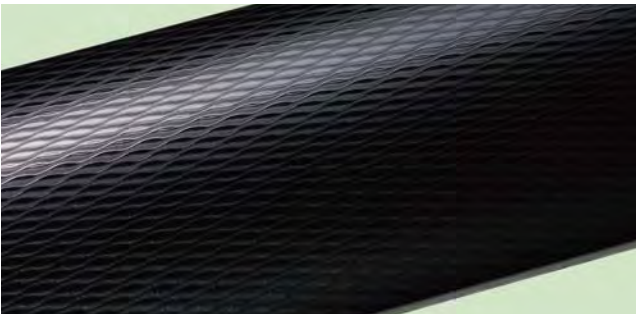
**Geometric Patterns**  
The visual three-dimensional effect is very attractive and gives a sense of the future.

## Textural Three Dimensional Designs

Textured patterns are created on smooth surfaces through water pressure transfer printing only, bringing three dimensional effects and a sense of value added to the touch.



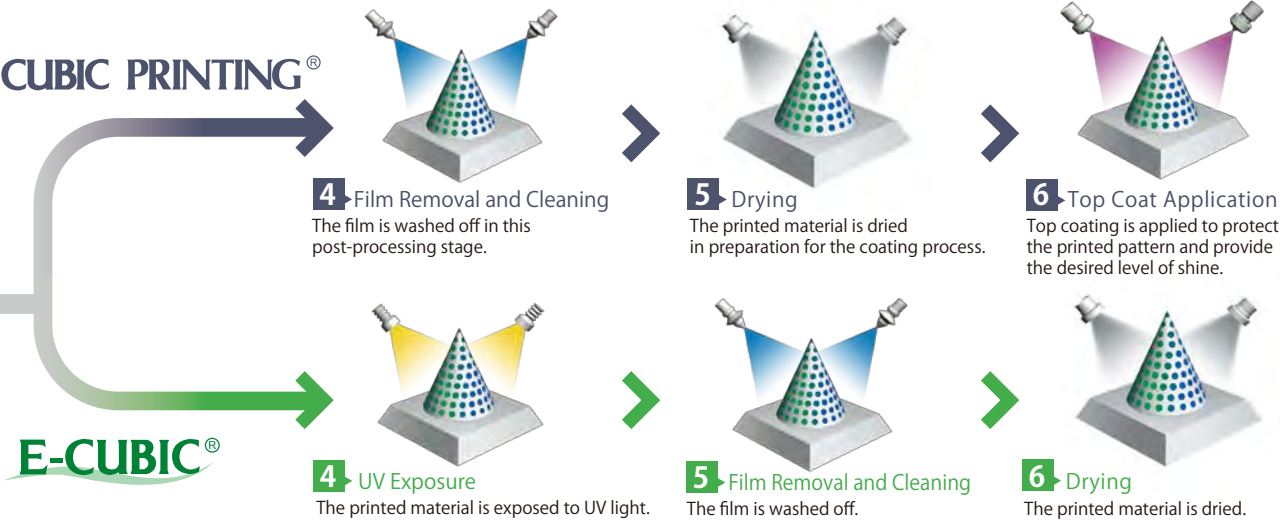
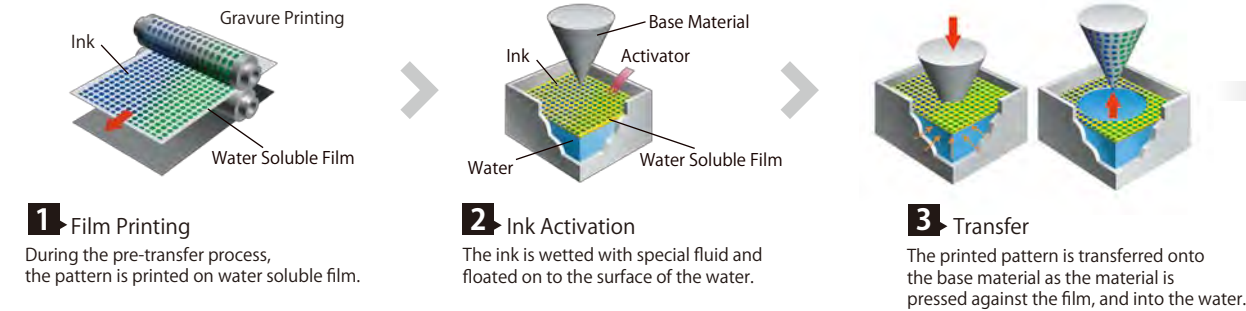
**Hairlines**  
Adding texture to delicate patterns gives sharpness and enhances metallic feel.



**Geometric Patterns**  
Designs featuring rich and unique textures stimulate peoples’ aesthetic sensitivity.

## Taica’s CUBIC PRINTING® and E-CUBIC® Design Process

Water pressure is used to transfer patterns on to base materials, and the following two distinct treatments create two different, unique design effects.  
“CUBIC PRINTING®” and “E-CUBIC®” each uses specialized supplies and a specialized production line.





# Typical Applications

Product Introduction

Taica's CUBIC PRINTING® and E-CUBIC® technologies can be applied to products with complex shapes, turning a wide range of surface decoration concepts into reality.

## AUTOMOTIVE INTERIORS

The 30-year long history of adaptation by automotive manufacturers in Japan and abroad is a testament to our high quality, in which we take the most pride.



Car Interiors

Carefully made, lustrous wood grain pattern panels.



Front Panels



Shifts



Doors

## AUTOMOTIVE EXTERIORS

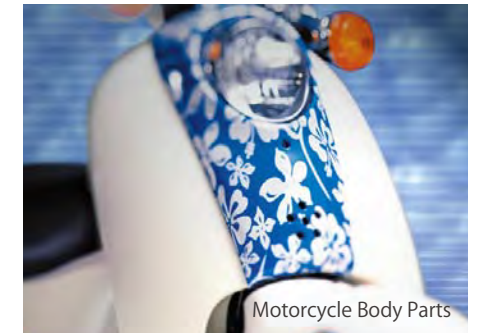
Our technologies are used not only in automotive interiors, but also are relied on for automotive exteriors, with their exacting durability demands.



ATVs



Car Bodies



Motorcycle Body Parts

## FASHION ACCESSORIES

We process a diverse range of materials, from entire product bodies to fine parts, from soft materials to hard.



Watches



Sunglasses



Cosmetic Cases

## ELECTRIC APPLIANCES

Our processes require no specialized molds, enabling to keep product development costs down.



Digital Cameras



Microwave Ovens



Laptops

## OTHERS

Taica's technological strengths fit a wide range of needs.



Window Sashes



Chairs



Footbridges