

# TREDIS<sup>®</sup>

## 3D Sublimation Transfer Film

We are the Best Manufacturer of 3D Sublimation Transfer Film in the World.

We are unique Manufacturer to produce both chemical for coating on Film and coated film with that chemical for 3D Sublimation Transfer in the world.

TREDIS as a brand is an exclusive film for the 3D curved surfaces sublimating transfer printing.

TREDIS performs high production while transferring and has the following Features.

### Features

TREDIS is extremely excelled in Elongation(over 300%) showing a great adaptability in any curved surfaces.

TREDIS has nothing to do with aluminum evaporation type that most of other films have adopted.

TREDIS is a semi transparent film. TREDIS makes absolute color consistency, excellent stability and fast drying for industrial printing. Therefore, we have no brittles(cracks) in transferred images and no powder.

We assure that superior picture quality and vibrant colors are obtained on substrates.



**3D Sublimation Transfer Film Comparative Table**

	Siver Film	Gold Film	TR3DIS®
Maker(Country)	Colden Hover(Netherland)	Policrom(Italy)	SongJeong Chemical(Korea)
Seller	IDT systems(UK)	Policrom(Italy)	SongJeong Chemical(Korea)
Type	Aluminum metalized Film	Aluminum metalized Film	Not metalized Film
Price	Expensive	Cheap	Medium
Product Cycle (For 6 phone case)	10 -12 min	10 -12 min	4 -5 min
Merit	High ink density of Implemented image	Cheap price	No crack and no powder
			Enough Elongation (Over 200%)
			Short product cycle
			Fast ink drying (1-2min)
			Clear image implement
Demerit	Expensive	Crack and Powder	Weak on Humidity
	Crack and Powder	Long product cycle	
	Long product cycle	Slow ink drying (over 10min)	
	Slow ink drying (over 5min)	Weak on Humidity	
	Weak on Humidity		



Elongation Test

Before Elongation Test

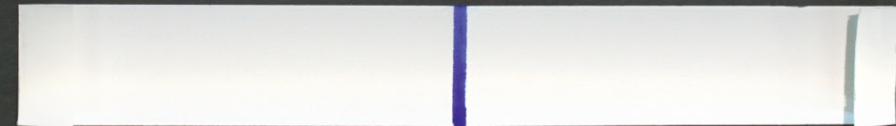
Gold Film  
(Policrom)



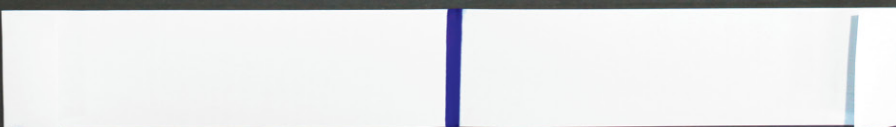
Silver Film  
(IDT-Systems)



White Film  
(China ?)

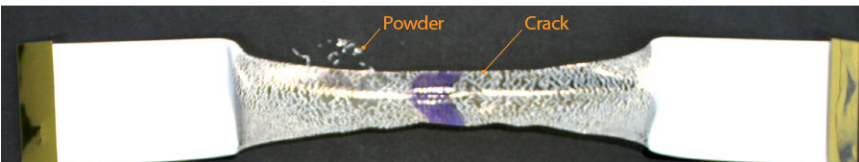


TREDIS  
(Songjeong)

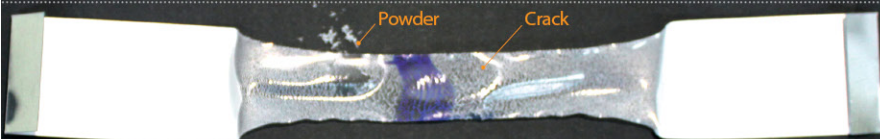


After Elongation Test

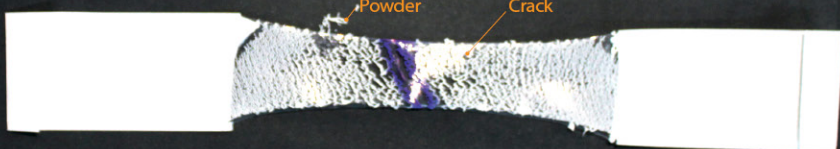
Gold Film  
(Policrom)



Silver Film  
(IDT-Systems)



White Film  
(China ?)



TREDIS  
(Songjeong)



## ADVANTAGE

Printing	Fast Drying Time
	Higher Ink Load
Transferring	High Transfer Rate
	Excellent Color Brilliance
	High Line Sharpness.

## TECHNICAL DATA

Type	Semi Transparent Film
Weight	255g/m <sup>2</sup>
Thickness	190±5 u ASTM D645
Density	1.34g/cm <sup>3</sup>

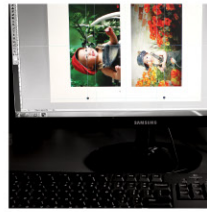
## STANDARD SIZE

Sheet Type	A5 (100sheets), A4(50sheets), A3(25sheets) / Another size on request
Roll Type	Any Size from 10 to 125cm max. (length 40M) / Another size on request

## GUIDELINES

	Suitable Condition : Temperature 15-30°C / Humidity below 50%
Printing Tip	It is recommended to set up pre and post heaters around 30°C
	It is necessary to dry up and not to overlap the printed material before drying up.
Storage	It is recommended to store in the closed original packing in a cool and dry environment.
	Temperature 10-25°C (50-77F) / Relative Humidity 50% RH
Shelf Life	One year stored in original package in recommended condition.

## TREDIS(3D Sublimation Transfer film)



① Edit Image



② Print Image



③ Prepare Sublimation



④ Sublimation



⑤ Finished Sublimation



### Production Line



ISO 9001:2008 / ISO 14001:2004

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