

ULTIMATE QUALITY

FOR COOKWARE



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Innovation, better your life



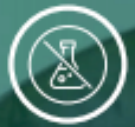
Ultimate Quality for Cookware Coating

DYFLON is a professional coatings brand, producing various types of coatings for cookware and industrial use.

Dyflon is a professional manufacturer specializing in research and development of various cookware coatings. We produce fluororesin, ceramic, heat-resistant and professional functional coatings. Our robust and unrivaled product line has been recognized both domestically and internationally due to our superior quality. We continuously prioritize and invest in our excellent R&D team along with cutting-edge research facilities to produce specialized functional products. Furthermore, we partner with state of the art research institutes, domestic industry-universities, and leading foreign companies to ensure we can incorporate the latest technological advancements in the field to our products. You may find our product applications on the inner and outer surfaces of food-grade containers, industrial materials that require heat resistance and various other applications. At Dyflon we believe that our products are driven by our consumers and will continuously strive to exceed our customer's expectations.

PTFE Coatings

- Fluoropolymer is a stable compound with a strong bond between fluorine and carbon, which features an outstanding chemical inert and heat-resistance, non-tackiness, electrical insulation stability and low friction coefficient.
- PTFE coating with these characteristics has outstanding heat-resistance, salt water-resistance, and durability, which is especially great for inner kitchenware which requires NON-STICK feature.



Non-toxic



Non-stick



ECO Friendly

General coatings
(T2, T3, T4)



MEGASTONE I



MEGASTONE II



Hyper Coating



Grafino Coating

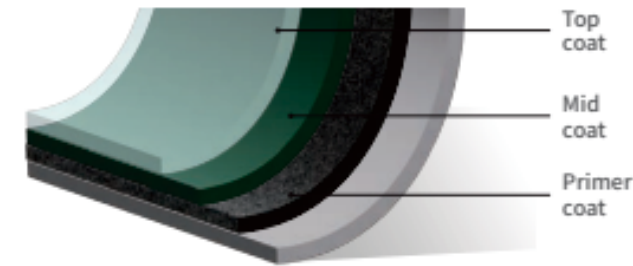


Coating System



GENERAL COATINGS

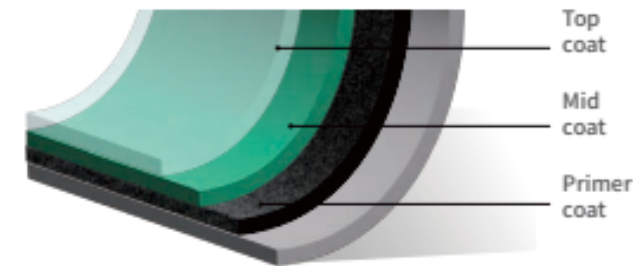
T2-Type



● 3-Coating system

Corrosion resistance	
Wear-Resistance	
Non stick	

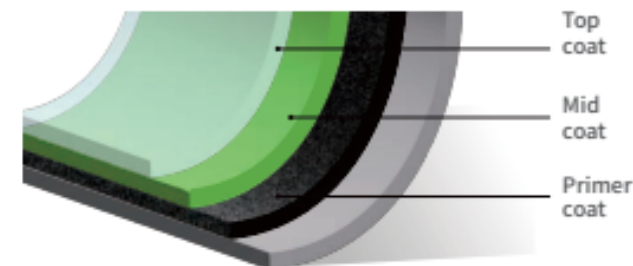
T3-Type



● 3-Coating system

Corrosion resistance	
Wear-Resistance	
Non stick	

NEW T4-Type



● 3-Coating system

Corrosion resistance	
Wear-Resistance	
Non stick	

PRODUCT PERFORMANCE

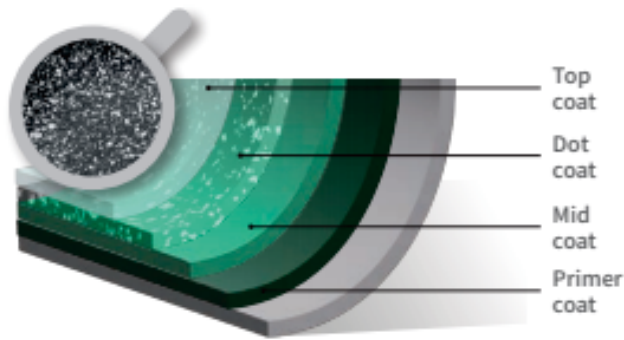
	T4-BLACK
Coating thickness	32-36 μm
Wear Resistance	20,000 cycle
NON-STICK	More than 200 cycle

Wear Resistance TEST : 5KG load, and the number of round trips is measured in a dry way using 220 grit of sandpaper.



MEGASTONE I

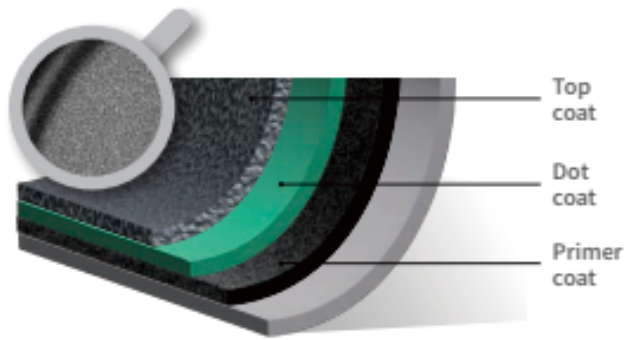
By making the appearance similar to that of marble, it is possible to implement a variety of colors than the general type.



Corrosion resistance	
Wear-Resistance	
Non stick	

MEGASTONE II

Texture similar to that of marble and uses strong ceramic as a filling material with improved physical properties.

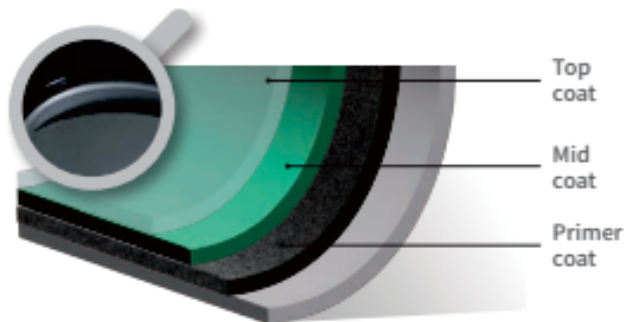


Corrosion resistance	
Wear-Resistance	
Non stick	

HYPER COATING

Hybrid product that can see the advantages of both PTFE coating and ceramic coating, and features high gloss.

● 3-Coating system

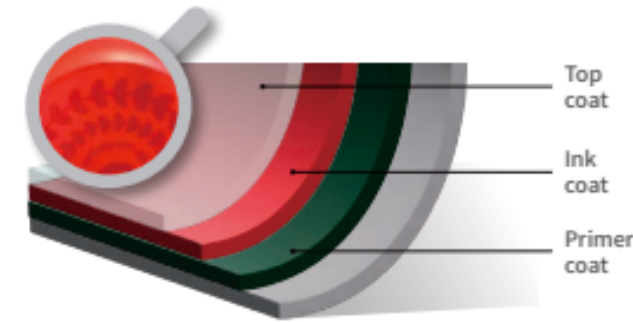


Corrosion resistance	
Wear-Resistance	
Non stick	

GRAFINO COATING

It visually informs the temperature suitable for cooking, and it is a product that can be cooked at high temperature in a short time by adding graphene with excellent thermal conductivity.

● 2-Coating system

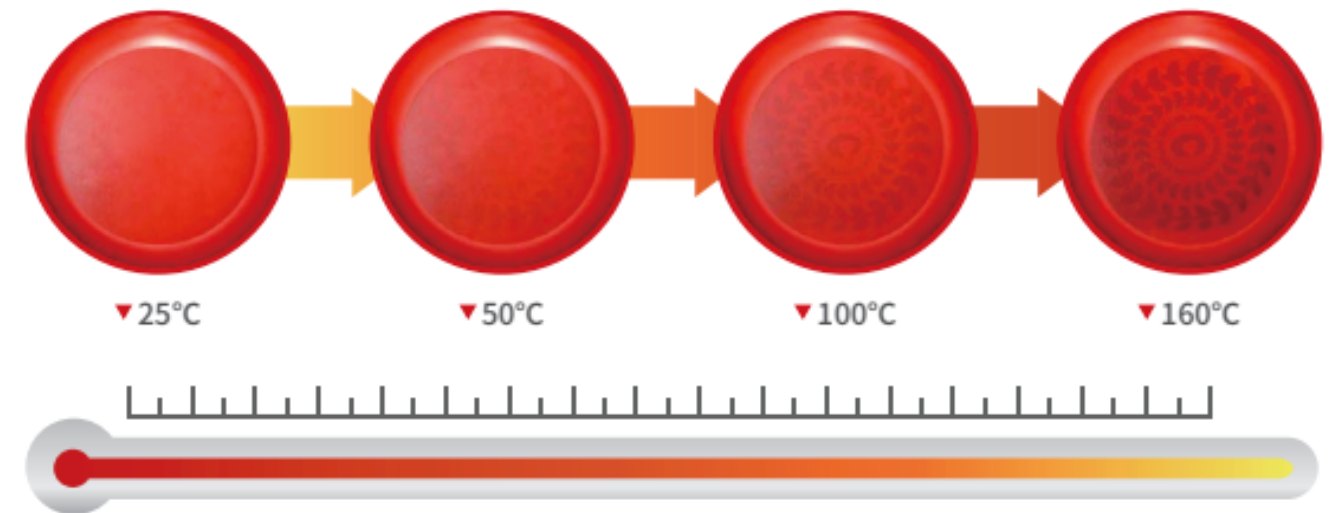


Corrosion resistance	
Wear-Resistance	
Non stick	

● 3-Coating system



Corrosion resistance	
Wear-Resistance	
Non stick	



Ceramic Coatings

- Our Ceramic coating is produced with a thin film through the sol-gel method.
- Non-toxic and eco-friendly products that are available in a variety of colour schemes. Our products have excellent film hardness, are flame retardant, non-combustible, heat and stain resistant and non-stick.
- Our ceramic coating is available with 2 coatings (primer + top) or 3 coatings (primer + marble + top).



Non-toxic



Film hardness



ECO Friendly

DYC TYPE

DYCM TYPE

DESIGN TYPE

Various Color coating system



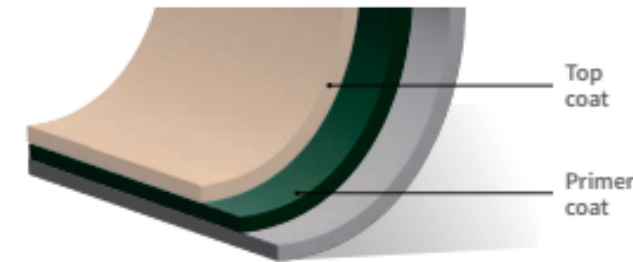
DYC TYPE

Gloss and basic high functional ceramic coatings for cook-ware.

DYC

*Applies to inner, outer layer

Good-easy use for spray coating

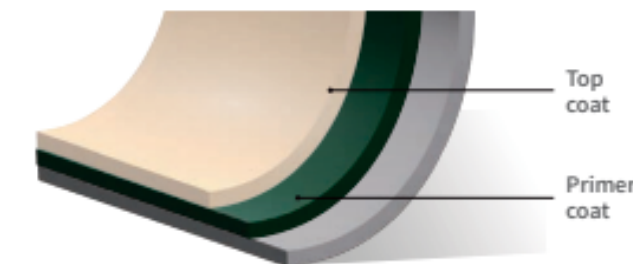


Scratch Resistance	██████████
Non stick	██████████
Wear Resistance	██████████
Gloss	██████████

DYC2

*Applies to inner, outer layer

Better-excellent durability

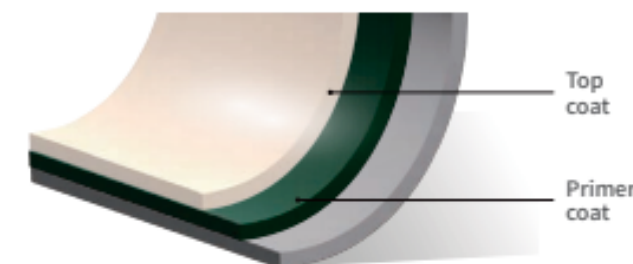


Scratch Resistance	██████████
Non stick	██████████
Wear Resistance	██████████
Gloss	██████████

DYC3

*Applies to inner, outer layer

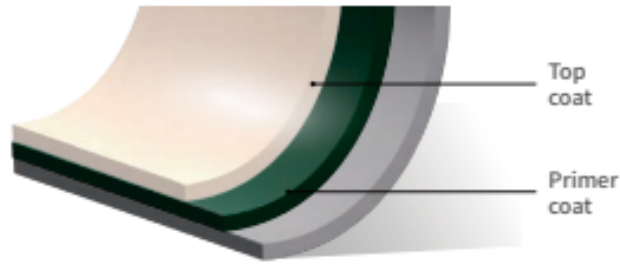
High quality premium ceramic coating



Scratch Resistance	██████████
Non stick	██████████
Wear Resistance	██████████
Gloss	██████████

NEW **DYC4** *Applies to inner layer

NON-STICK effect coating



Scratch Resistance	
Non stick	
Wear Resistance	
Gloss	

PRODUCT PERFORMANCE

	H Co.	T Co.	DYC4
Coating thickness	30-35 μm	30-35 μm	32-35 μm
NON-STICK	28 CYCLE	34 CYCLE	200 CYCLE
Pencil hardness	9B	9B	9B
Gloss	50°	45°	50°

NON-STICK test :
When 220°C , proceed with the fried egg.
After 1 minute , turn it upside down and
cool down. Repeat again, until Non-stick
performance deteriorate.



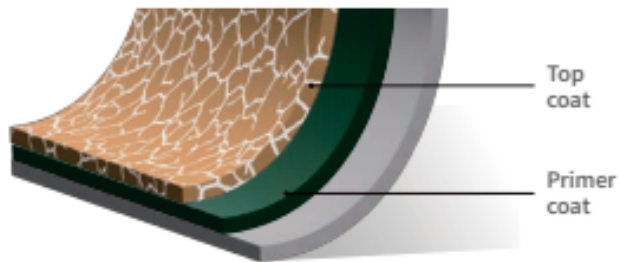
Gloss meter :
Using meter calibration angle is 60°

DESIGN TYPE

Gloss type ceramic coating.

CRM *Applies to outer layer

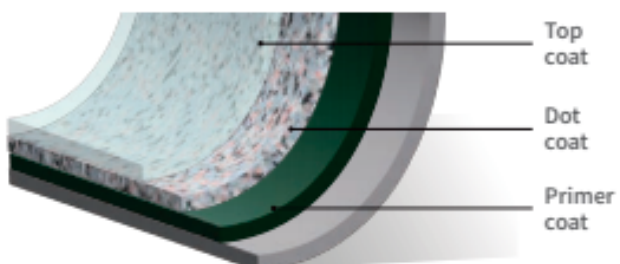
Special design products Like that thunder.



Scratch Resistance	
Non stick	
Wear Resistance	
Gloss	

DYCP *Applies to inner, outer layer

Special design products to resemble a block of marble



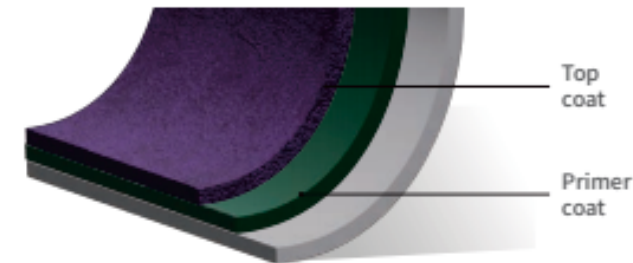
Scratch Resistance	
Non stick	
Wear Resistance	
Gloss	

DYCM TYPE

Matt type ceramic coating.

DYCM *Applies to outer layer

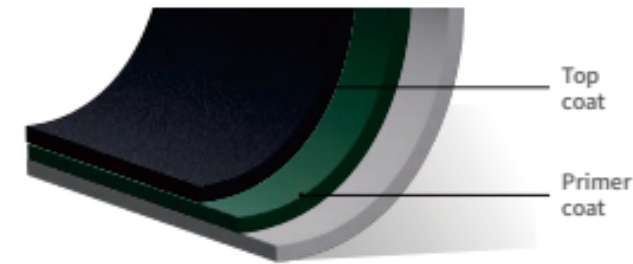
Basic matt spray coating.



Scratch Resistance	
Non stick	
Wear Resistance	
Matte	

DYC3M *Applies to outer layer

Higher property Matt coating.



Scratch Resistance	
Non stick	
Wear Resistance	
Matte	

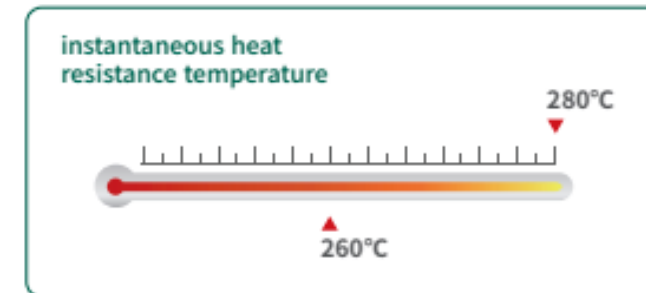
Various color spectrum



Heat Resistance Paints

- Heat-resistance paint is mainly used for exterior of kitchenware and industrial materials with silicone polyester resin as a binder.
- Excellent heat resistance and adhesion, corrosion resistance and excellent esthetics paint in various colors.

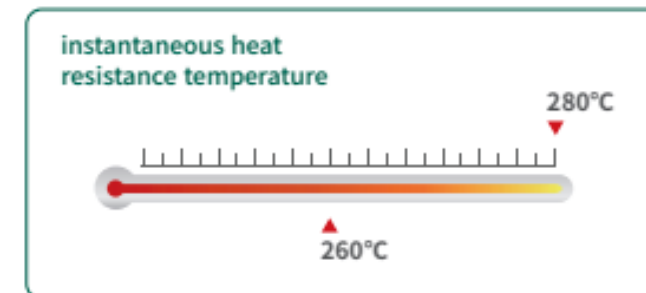
DY850 TYPE



It is a functional heat-resistance paint based on silicone-modified resin and particularly suitable for application to the exterior of kitchenware.

Substrate	Al/SUS
Coating Thickness	20~25um
Continuous heat resistant temperature	250°C
Non-Stick	<input type="checkbox"/>
GLOSS	<input type="checkbox"/>
Heat-resistance	<input type="checkbox"/>
Colour	<input type="checkbox"/>

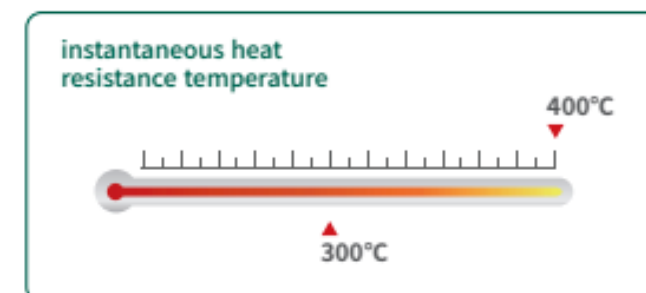
DY20C TYPE



It is a functional heat-resistance paint with increased non-stick made of silicone synthetic resin and is suitable for application to the exterior of industrial and kitchenware.

Substrate	Al/SUS
Coating Thickness	20~25um
Continuous heat resistant temperature	250°C
Non-Stick	<input type="checkbox"/>
GLOSS	<input type="checkbox"/>
Heat-resistance	<input type="checkbox"/>
Colour	<input type="checkbox"/>

DY30C TYPE



It is a one-component paint with special synthetic resin and PTFE resin as a main component suitable for industrial use. Its special paint developed to be suitable for parts that require releasability and abrasion properties among industrial parts.

Substrate	Al/SUS
Coating Thickness	18~22um
Continuous heat resistant temperature	280°C
Non-Stick	<input type="checkbox"/>
GLOSS	<input type="checkbox"/>
Heat-resistance	<input type="checkbox"/>
Colour	<input type="checkbox"/>



Products Line-up

	General Coating T2 (3-Coating)	General Coating T3 (3-Coating)	General Coating T4 (3-Coating)	MEGASTONE I	MEGASTONE II	Hyper Coating	Grafino Coating (2-Coating)	Grafino Coating (3-Coating)
PTFE Coatings								
Corrosion resistance	★★★	★★★★	★★★★★	★★★★	★★★★	★★★★★	★★★	★★★★
Wear-Resistance	★★	★★★★	★★★★★	★★★★	★★★★★	★★★★	★★★	★★★★
Non stick	★★★	★★★★	★★★★★	★★★★	★★★	★★★★	★★★★★	★★★

	DYC	DYC2	DYC3	DYC4	DYCM	DYC3M	CRM	DYCP
Ceramic Coating								
Scratch Resistance	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★★
Non stick	★★★	★★★	★★★	★★★★★	★★	★★	★★	★★★
Wear Resistance	★★★★	★★★★	★★★★	★★★★★	★★★★	★★★★★	★★★★★	★★★★
Gloss	★★★	★★★★	★★★★★	★★★★			★★★★	★★★★
MATT					★★★★	★★★★★		