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DYFLON

**REALISTIC AND INNOVATION,
CUSTOMER FIRST**

Dae Young Chemical Co.,Ltd
(Headquarter,Korea)



Realistic and Innovation,
Customer First

COMPANY HISTORY

01

1986.10

One to one chemical corporation was established in Inchon,Korea

02

1988.12

Change name of corporation to Dae young Chemical Co.,Ltd

03

2001.05

Set up N.F.T.Z Da Rong International Trading Co.,Ltd in Ningbo,China

04

2005.11

Establish Jin Hua Da rong Paint Co.,Ltd

05

2020.02

Completion of Jinhua new factory

06

Brand continues,we will work harder



COMPANY INTRODUCTION

Since 1986, Dae Young Chemical Co., Ltd has been a professional coating manufacturer in Korea that specializes in R&D and has been producing various kinds of coatings for cookware and industry use. We began to enter the Chinese market 15 years ago focus-ing on “Customer demand-oriented service”. Along with superior quality, Dae Young maintains competitive prices and excellent customer service.

This allows the “Dyflon” brand to be embraced by new and existing customers while maintaining a place in the market. Since 2005, based on this market’s strength, we have established a factory in China to produce and sell coatings. Both of our Korean and Chinese companies have R&D Departments. Within them our technical personnel are constantly exchanging technology and innovation techniques to develop better quality products. All the staff at “Dyflon coating” welcome new and existing customers who are seeking common development while creating a better future.

CREATED BY
DYFLON



Excellent non-sticky bonding DYFLON densification technology gives its coating strong performance. The denser polymer coating structure makes non-stick coated cookers more durable, with long service life, fearless of high-intensity cooking, and still maintain excellent performance. DYFLON coating has excellent adhesion and can be widely used in different cookers substrates, such as smooth stainless steel surface. It can provide excellent non-stick cooking experience for more kinds of cooking utensils.



High Hardness

Coating are not easy to scratch or destroy



Abrasion Resistance

Excellent wear resistance, long-term use of coatings is not easy to wear.



Non Stick

Food does not stick to coatings in cooking



Colorful

Express beautiful appearance with various colors.



Harmless

No heavy metals, environmental hormones etc.

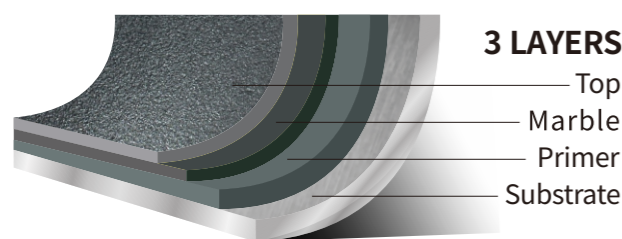
Non-toxic coating without carcinogens

Water-Base PTFE Coating



This product is a water-base nonstick coatings made using the properties of PTFE resin, have high chemical resistance, salt-water resistance properties. It mainly apply to the aluminum, stainless steel substrate etc.

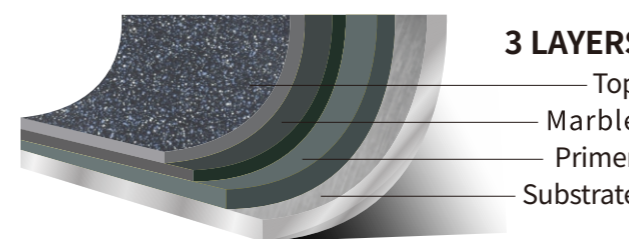
MegaStonePremium



3 LAYERS

Film Thickness	50~60μm
Salter Water Resistance	★★★★★
Abrasion Resistance	★★★★★
Non Stick	★★★★★
Pencil Hardness	4H

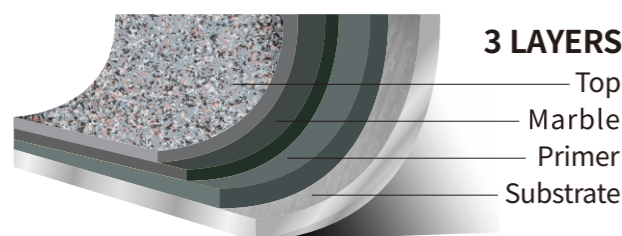
Mega Marble



3 LAYERS

Film Thickness	30~35μm
Salter Water Resistance	★★★★★
Abrasion Resistance	★★★★☆
Non Stick	★★★★★
Pencil Hardness	2-3H

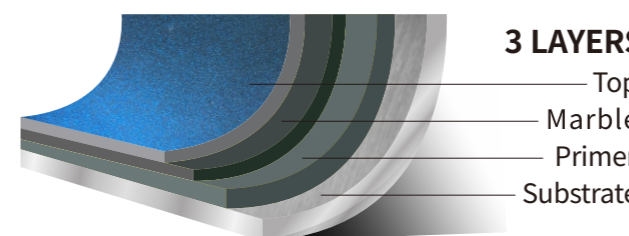
Granite



3 LAYERS

Film Thickness	40~45μm
Salter Water Resistance	★★★★★
Abrasion Resistance	★★★★☆
Non Stick	★★★★★
Pencil Hardness	3H

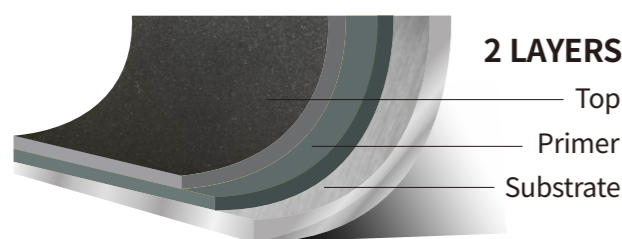
Diamond



3 LAYERS

Film Thickness	25μm
Salter Water Resistance	★★★★★
Abrasion Resistance	★★★★☆
Non Stick	★★★★☆
Pencil Hardness	2-3H

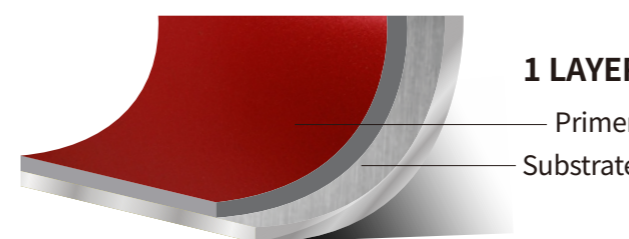
Mega



2 LAYERS

Film Thickness	25~30μm
Salter Water Resistance	★★★★★
Abrasion Resistance	★★★★☆
Non Stick	★★★★★
Pencil Hardness	2-3H

OCR



1 LAYER

Film Thickness	25~30μm
Adhesion Performance	★★★★★
Pencil Hardness	3H

High-Temperature Heat Resistance Solvent-Base Coating

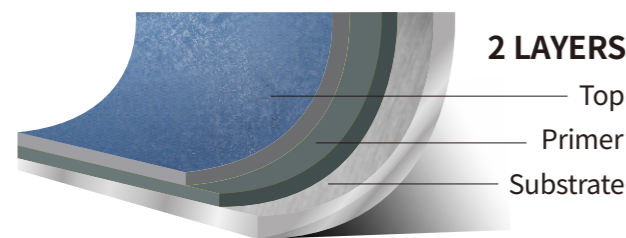
This product is made of silicone modified polyester resin, heat resistance above 230 °C and can be produced a variety of colors. It is mainly used as cookware external coating such as frying pans, and some of them are suitable for industrial supplies according to their uses.

CD100/CD180



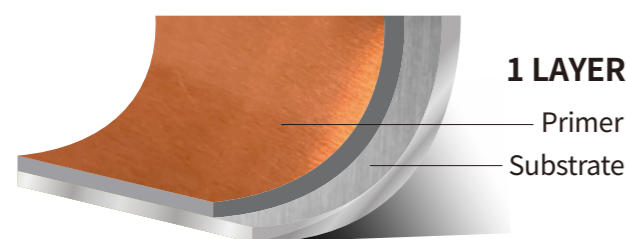
Film Thickness	15~25µm
Heat Resistance	230°C
Adhesion Performance	★★★★★
Dishwasher Test	★★★★☆
Pencil Hardness	2H

BW



Film Thickness	35~40µm
Heat Resistance	230°C
Adhesion Performance	★★★★★
Dishwasher Test	★★★★☆
Pencil Hardness	2H

CD701



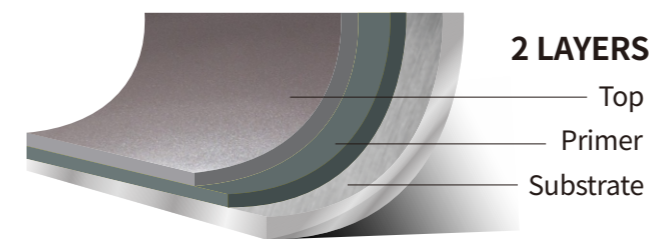
Film Thickness	15~25µm
Heat Resistance	230°C
Adhesion Performance	★★★★★
Dishwasher Test	★★★★☆
Pencil Hardness	2H

Ceramic Coating



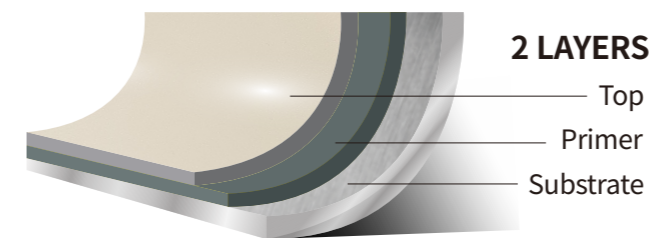
This product has the advantages of high hardness film surface, heat resistance, non-stickiness, pollution resistance, radioactive far infrared, no ammonium perfluorooctanoate and so on. It is not only suitable for cookware, but also widely apply to industrial products such as straighteners, heating pipes etc.

DT30C



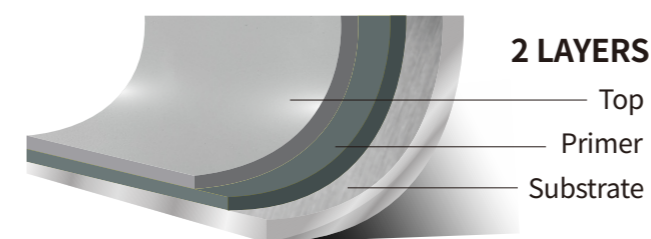
Film Thickness	30~40µm
Salter Water Resistance	★★★★☆
Abrasion Resistance	★★★★☆
Non Stick	★★★★☆
Pencil Hardness	5H

DT50C



Film Thickness	30~40µm
Salter Water Resistance	★★★★★
Abrasion Resistance	★★★★★
Non Stick	★★★★★
Pencil Hardness	5H

MATT

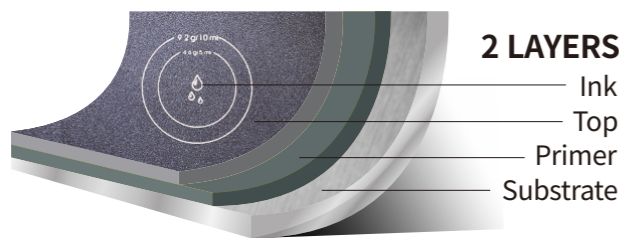


Film Thickness	30~40µm
Salter Water Resistance	★★★★☆
Abrasion Resistance	★★★★☆
Non Stick	★★★★☆
Pencil Hardness	5H

Ink Series

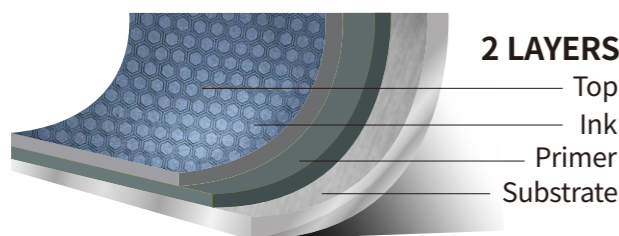
Water-base Ink : Apply to the surface of PTFE water-base coating.
 Solvent-base Ink : Apply to the surface of high-temp heat resistant solvent-base coating. (Variety of colors)

Water-base Ink



Film Thickness 25~35μm
 Pencil Hardness 2H

Operation sequence: Degreasing→Sand Blast→Primer spraying→Sintering→Cooling
 →Top spraying→Sintering→Cooling→Ink printing→Sintering→Cooling



Film Thickness 25~35μm
 Pencil Hardness 2H

Operation sequence: Degreasing→Sand Blast→Primer spraying→Sintering→Cooling
 →Ink printing→Top spraying→Sintering→Cooling(After-stretching process)

Solvent-base Ink



Film Thickness 20μm
 Pencil Hardness 2H



Grafino Sensor Coating

Grafino Coating



180°C
 The temperature-sensitive pattern is fully visible



70°C
 The temperature-sensitive pattern faintly appears



0°C
 The temperature-sensitive pattern does not appear

Sensor Coating



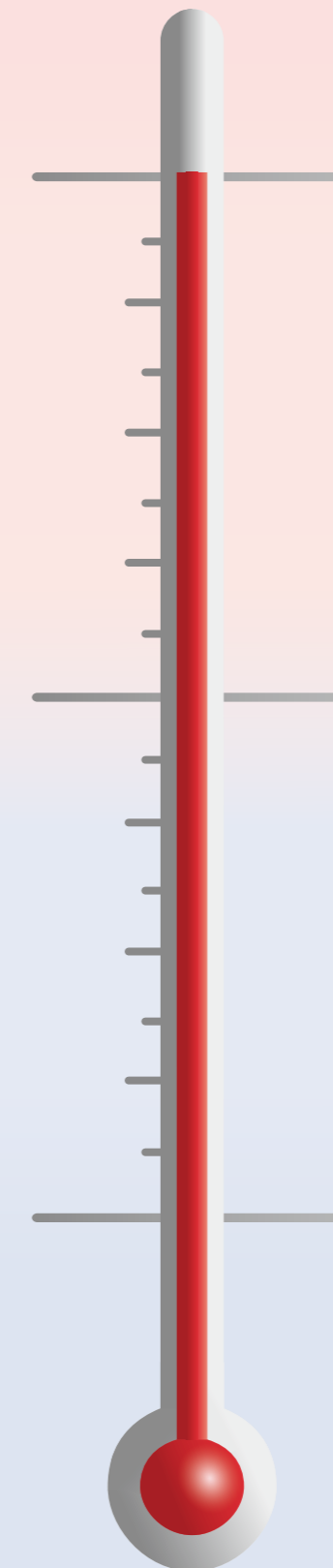
240°C
 The temperature-sensitive pattern disappears completely

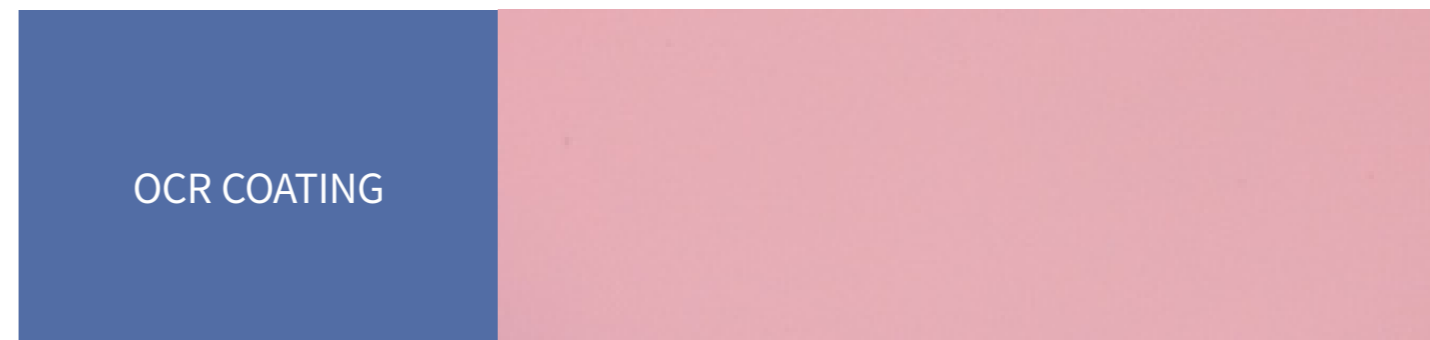
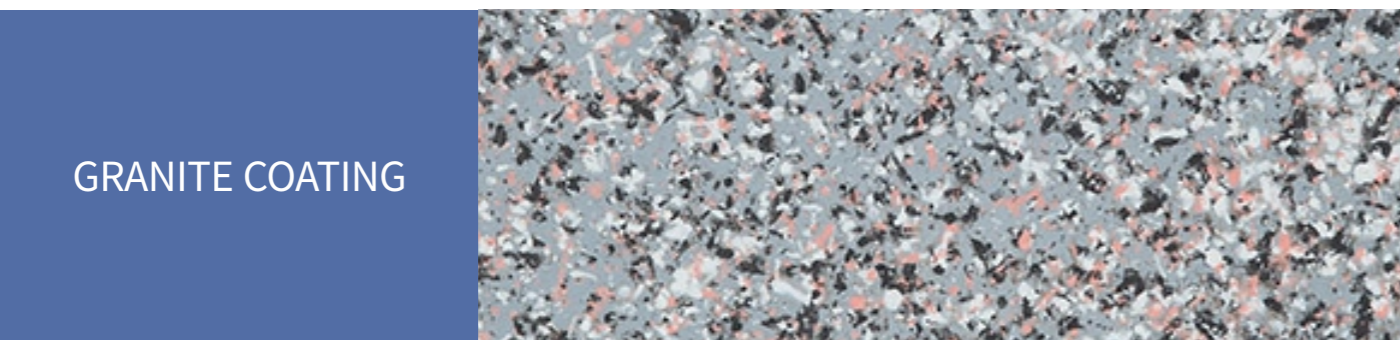
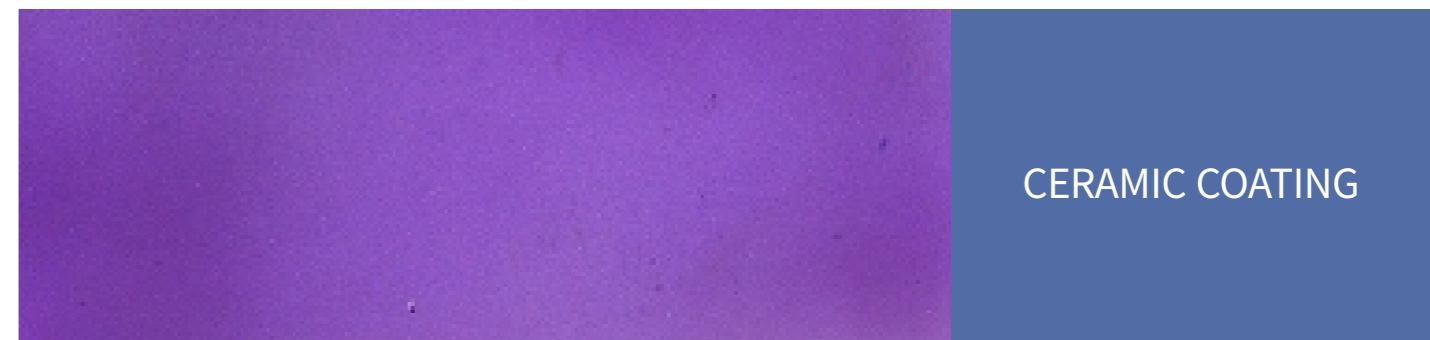
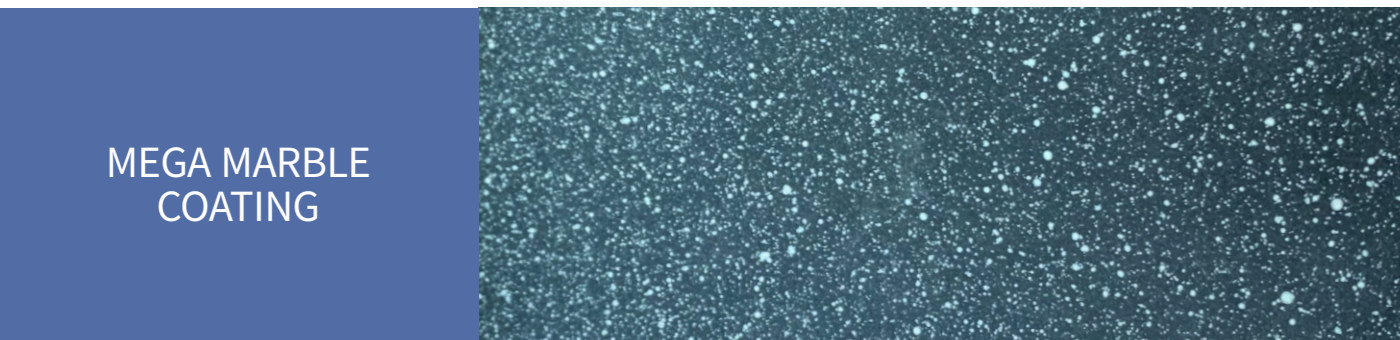
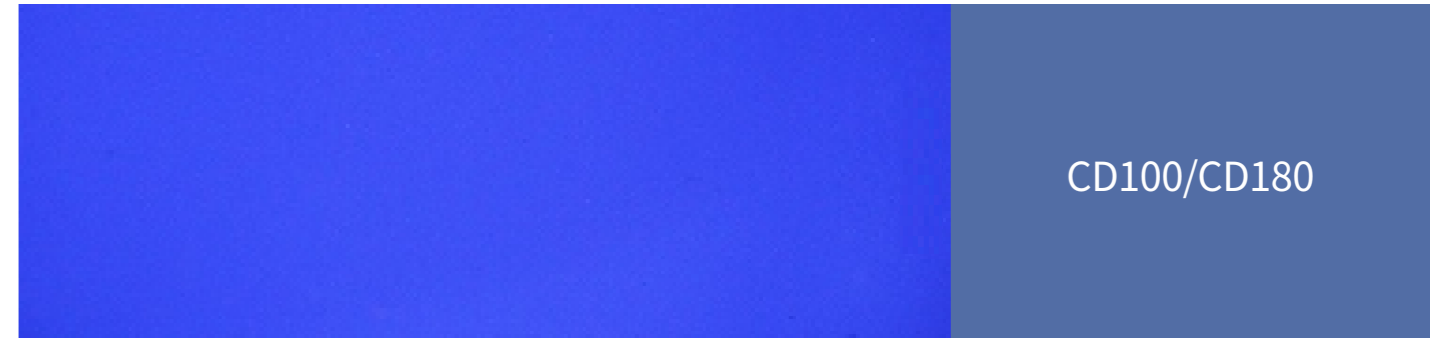


160°C
 The temperature-sensitive pattern faintly disappears



0°C
 The temperature-sensitive pattern is fully visible





Various of colors to meet multiple requirements.

Water-Base PTFE Coating

Product Series	Product Type	Characteristics	Application
MegaStone Premium	3 Layers	Unique convex surface effect, high performance coating with high hardness, abrasion resistance and durability	All kinds of aluminum products, alloys and other cookware inner coating
Granite	3 Layers	Similar to the appearance of natural granite, excellent scratch resistance, Abrasion resistance and excellent non-stick property	Aluminum Stockpan, Frying pan
Mega	2 Layers	Great non-stick performance, easy to clean, simple operation, high production efficiency and wide range of application	Aluminum Stockpan, Die-casting pan, Electric cooker, Electric Hot-pot
Mega Marble	3 Layers	Excellent non-stick property chemical resistance, easy to clean	Aluminum pan, Die-casting pan, Electric cooker, Electric Hotpot
Diamond	3 Layers	Good antibacterial, abrasion resistance, prevent high temperature acidification, heat resistance, smell removal performance, good hardness	Aluminum Stockpan, Frying pan
OCR	1 Layer	Colorful, High heat resistance, Non-stick property	Outer coating on kinds of cookware

Ceramic Coating

Product Series	Product Type	Characteristics	Application
DT30C	1 Layer 2 Layers	Fine gloss, smooth feel, Fine chemical resistance and easy cleaning	Stock pot, Frying pan, Electric iron, Curling iron, Inner pot of electric cooker
DT50C	1 Layer 2 Layers	Excellent gloss, smooth feel, Excellent chemical resistance and easy cleaning	Stock pot, Frying pan, Electric iron, Curling iron
MATT	1 Layer 2 Layers	Matt features, good chemical resistance and easy cleaning	Stock pot, Frying pan, Electric iron, Curling iron
Miracle Ceramic	1 Layer	Excellent gloss, unique crack effect on the surface	Stock pot, Frying pan, Electric iron, Curling iron

High-Temperature Heat Resistance Solvent-Base Coating

Product Series	Product Type	Characteristics	Application
CD100	1 Layer 2 Layers	Colorful, high temperature resistance and convenient operation	Outer coating on kinds of cookware
CD130	1 Layer 2 Layers	High hardness, high temperature resistance	Outer coating on kinds of cookware
CD150	1 Layer 2 Layers	Good Stretching Property	Outer coating on kinds of cookware
CD180	1 Layer 2 Layers	Various colors, High temperature resistance and good operation	Outer coating on kinds of cookware
CD200	1 Layer 2 Layers	High temperature resistance and non-stick property	Required non-stick performance products
Ice Flower	2 Layers	High temperature resistance, rough surface, three-dimensional effect looks very high-grade	Outer coating on kinds of cookware
Metallic	1 Layer	Metallic lustre effect	Outer coating on kinds of cookware
Cracking Paint	2 Layers	Strong adhesion, high temperature resistance and unique crack effect	Outer coating on kinds of cookware

HONORS

