

# FABER

— Industrial Group —



# Product Description

## Color-fastness

Superior than lacquered surface in yellowing effects and light resistance.

Level of **UV-resistance** test  
Test sample : PVC White High gloss

[Experimental Conditions]

Exposure	Standard	Value
100 Hrs	Grey Scale	4 - 5
200 Hrs		4 - 5
300 Hrs		4 - 5
400 Hrs		4 - 5

\* Value Raing 1~5 , the higher number the better it is in light resistance.

1. Test Method: UNI EN ISO 4892-2:2013
2. Light Source: Weather-o-meter, Xenon arch UV Light, 1.1W/m<sup>2</sup>(420nm)
3. Exposure time: 400Hrs
4. Temperature condition : (63±3)°C Black Panel Temperature
5. Humidity Condition: (30±5)°C Realative Humidity

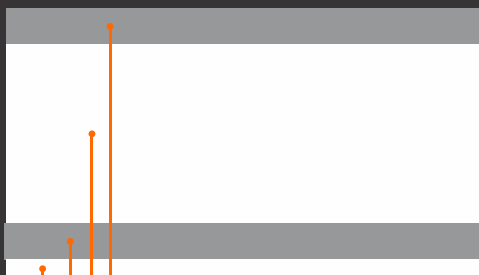
## Non-Scratch Surface

Special UV Coating protects the surface from living scratches.

## General Characteristics

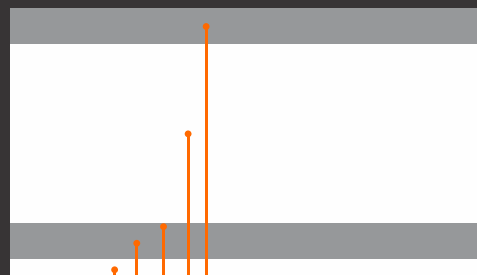
### Structure of Material (General)

#### Solid



- Masking Film
- UV Coating(HG/Super Matt)
- Pet(200-600µm)
- Primer

#### Metal



- Masking Film(50µm)
- Top Film Layer(50µm)  
-OPET/Imprinting(UV)/Metalized
- Adhesive Layer
- Base Film Layer(150-350µm)  
-PVC or Pet sheet
- Primer

# Technical data sheet

Item		Unit	Data	Test Method
Thickness		mm	0.26	
Tensile Strength	MD	Kgf/mm2	6.15	JIS-K-6734
	CD		6.06	
Tear Strength	MD	Kgf/mm2	5.88	JIS-K-6732
	CD		6.69	
Elongation	MD	%	5.88	JIS-K-6734
	CD		6.69	
Gloss		60°	90	ASTM 2457
Abrasion Resistance		mg	OK	cf1. HCJ-D-204-3
Heat & Cold repetition test		-	OK	cf2. HCJ-D-204-4
Chemical Resistance	1% NaCO3	-	OK	cf3.HCJ-D-204-5
	5% CH3COOH	-	OK	
	1% HCL	-	OK	
	Petroleum Benzene	-	OK	
Stainless Character(1)	Coffee	-	OK	cf4.HCJ-D-204-6
	Soy Sauce	-	OK	
	Worcestershire Sauce	-	OK	
Stainless Character(2)	Black Marker	-	OK	cf5.HCJ-D-204-6
	Red Crayon	-	OK	
Solvent Resistance	Petroleum Benzene	-	OK	cf6.HCJ-D-204-7
	Lacquer	-	OK	
	95% Ethanol	-	OK	
Heat Resistance		-	OK	cf7.HCJ-D-204-8
Whitening by folding		-	OK	cf8.HCJ-D-204-9
Water Resistance		-	OK	cf9.HCJ-D-204-10
Heat & Humidity resistance		-	OK	cf10.HCJ-D-204-11
Layer adhesive property		-	OK	cf11.HCJ-D-204-13
Surface hardness(Pencil)		-	HB	JIS-K-5400

Remark	<p>cf1. Abrasion resistance : The sample is observed after 100 cycling with the load of 1000g.</p> <p>cf2. Heat &amp; Cold repetition test : The sample of 150mm X150mm is placed in an oven at 60°C for 2hrs, and then put into the cold bath of -20°C. After 2 cycling, observe the defects of sample.</p> <p>cf3. Chemical resistance : Each solvent of 1% NaCO3, 5% CH3OOH, 1% HCl, petroleum benzene is dropped on the sample, After 6 hrs, the sample is washed with water and dried.</p> <p>cf4. Stainless character(1) : Each solvent of coffee and soy sauce is dropped on the sample. After 6 hrs, the sample is washed with water and dried.</p> <p>cf5. Stainless character(2) : Based on JAS B for the contamination. Draw a line of 10mm wide on the sample. After 4 hrs, wipe it with a solvent or detergent.</p> <p>cf6. Solvent resistance : The sample is rubbed 10 times with cotton wool soaked in petroleum benzene, lacquer, 95% ethanol each. Not Greatly Changed.</p> <p>cf7. Heat resistance : The sample is placed in an oven 60°C for 24hrs. After cooling to normal temperature, observe the surface of sample. Not Greatly Changed.</p> <p>cf8. Whitening by folding : The sample is placed in a thermostat at 25°C for 30mins, and then fold at an angle of 180 degrees and observe the whitening.</p> <p>cf9. Water resistance : The sample is dipped in water at normal temperature for 48hrs and dried.</p> <p>cf10. Heat &amp; Humidity resistance : The sample is thermo hygrostat keeping 40°C &amp; 35% RH for 48hrs.</p> <p>cf11. Layer adhesive property : After adhering 24mm-width Nichibang tape on surface, peel it off strongly from the surface.</p> <p>※ This test data can be different by its product type.</p>
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※The measurement could differ depending on structure, gloss level, and pattern(color), please check with manager to confirm data for each different pattern.

※ Further technical data can be give upon customer's request

# RENOVO

The logo for 'RENOVO' features the word in a bold, white, sans-serif font. The final letter 'O' is replaced by a vibrant green circular icon containing a stylized leaf with two smaller leaves extending from its base.

ANTI FINGERPRINT PANEL



EASY SCRATCH REPAIR



ANTI FINGERPRINT



PET SURFACE



RECYCLABLE



ANTI SCRATCH



HYDROPHOBIC

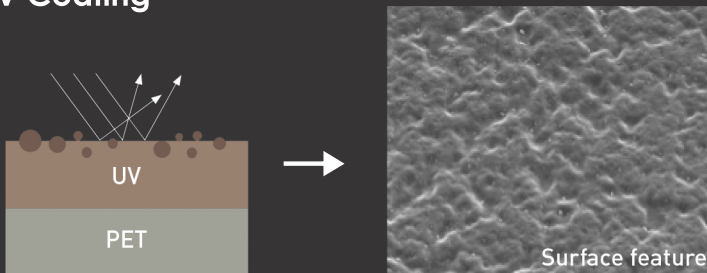


ULTRA SOFT SURFACE

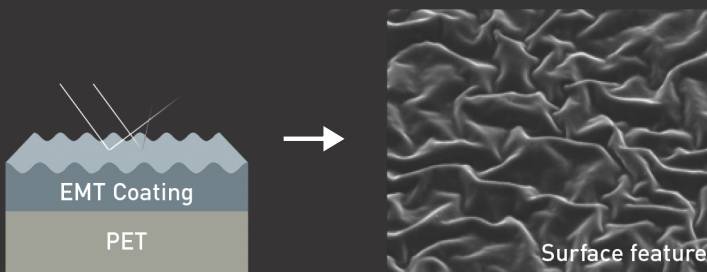
## Product Introduction

Unique coating created by Hyundai L&C's technology  
Premium surface coating with improved surface texture and anti-fingerprint function.

### UV Coating



- 1. Deviation of Gloss & Surface texture
- 2. Limit of Super Matt expression



- 1. Micro-folding by shrinking the surface layer of exclusive resin
- 2. Improved anti-fingerprint function, stain resistance, and Ultra-Matt surface by realizing even-textured surfacere

## Visibility of Fingerprint



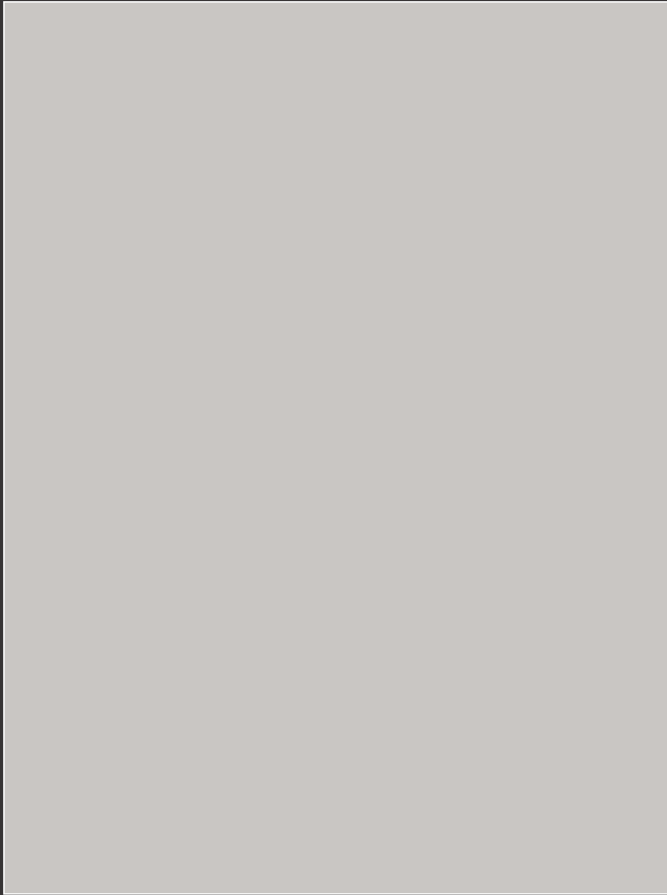
Super Matt



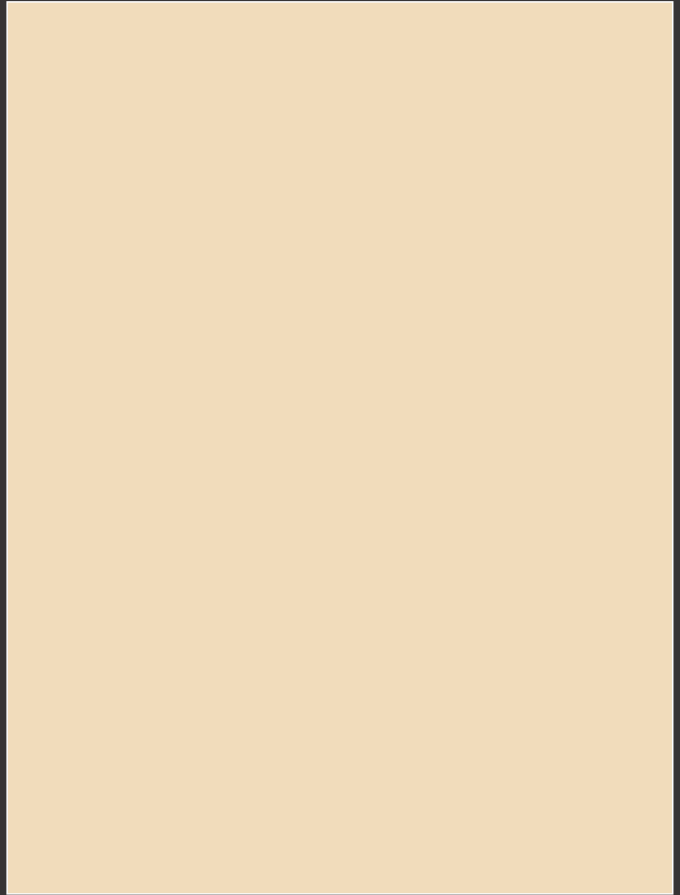
EMT Coating

# RENOVO Series

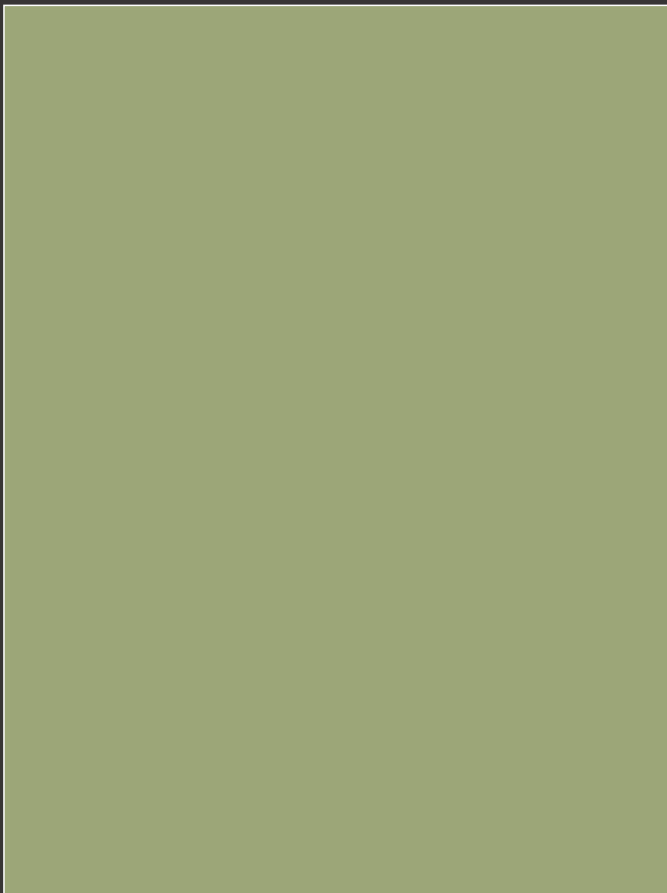
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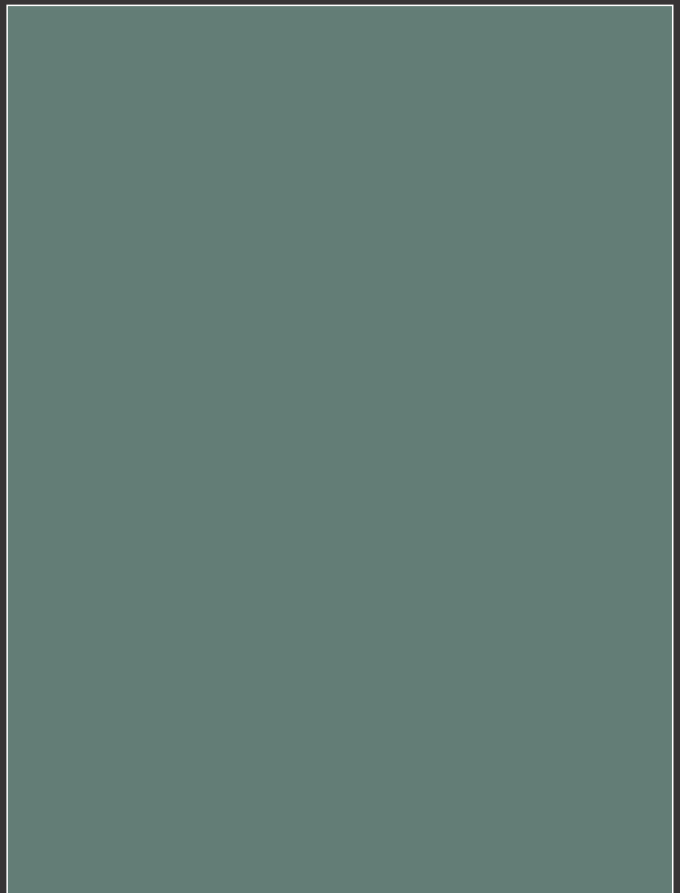
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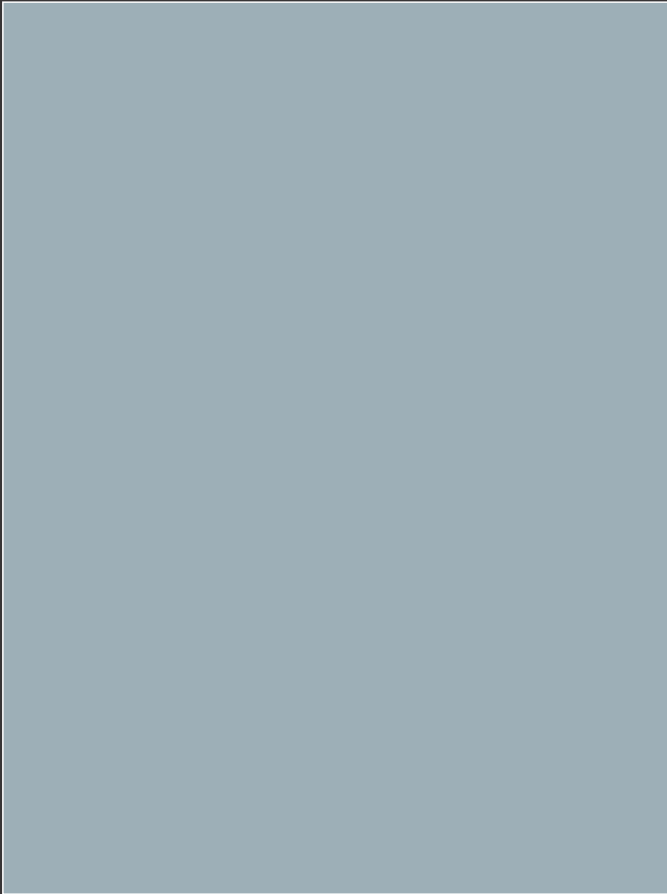
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# RENOVO Series

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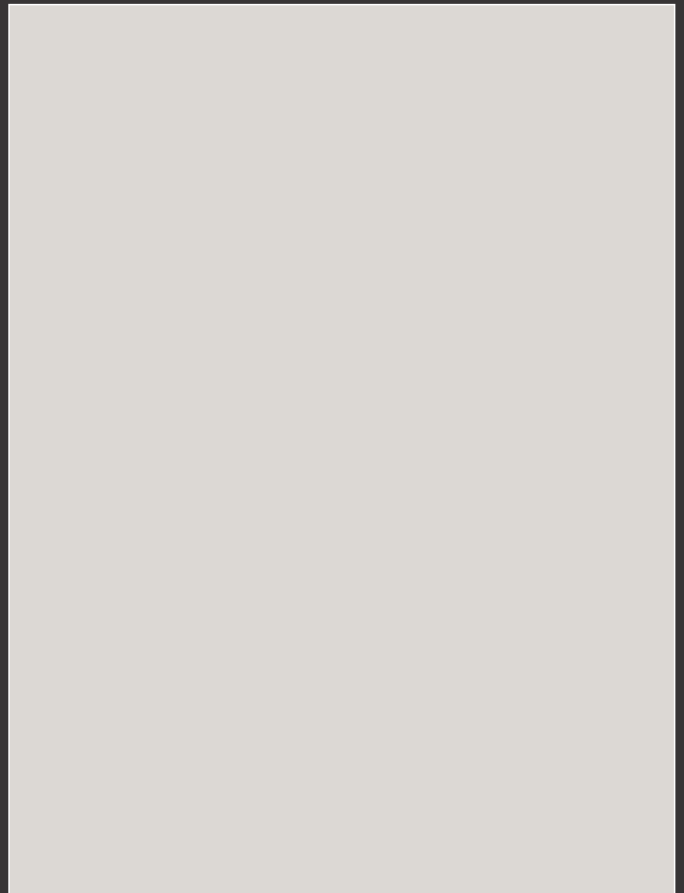
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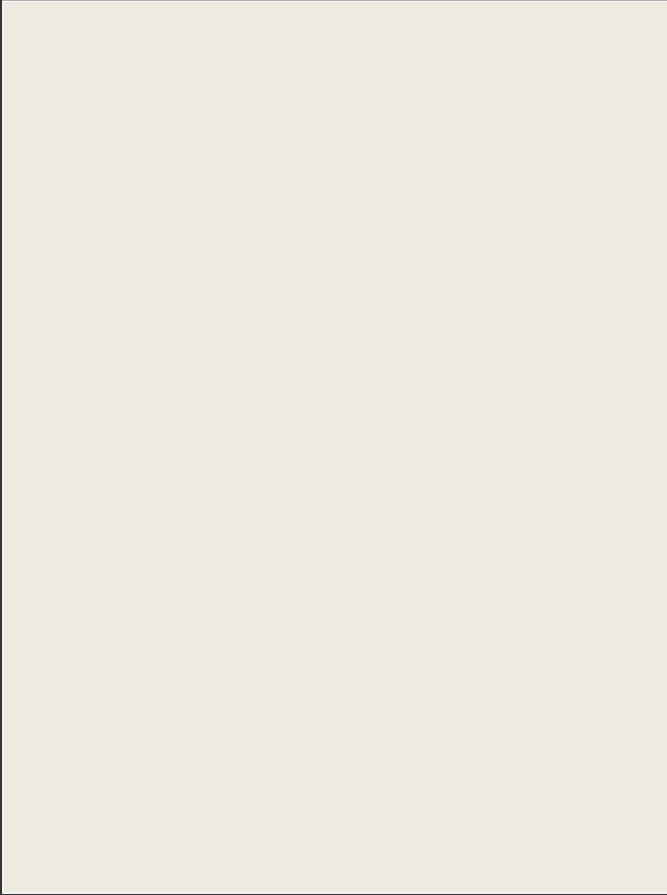
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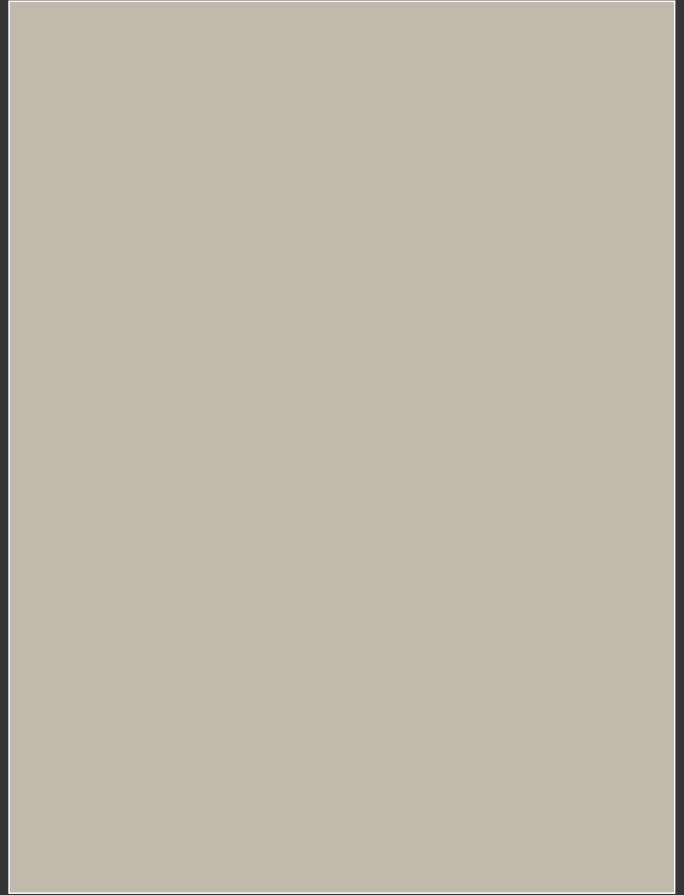
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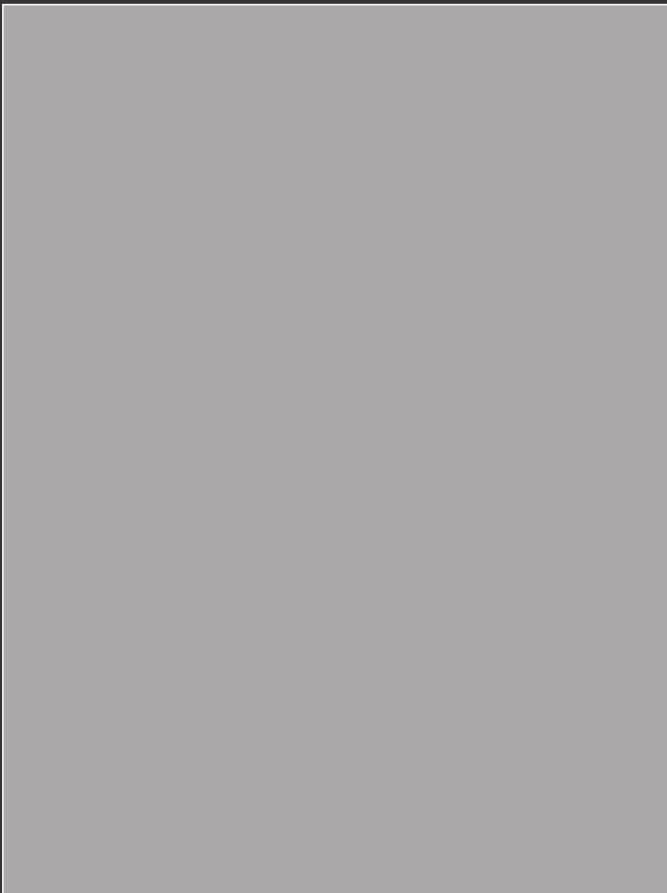
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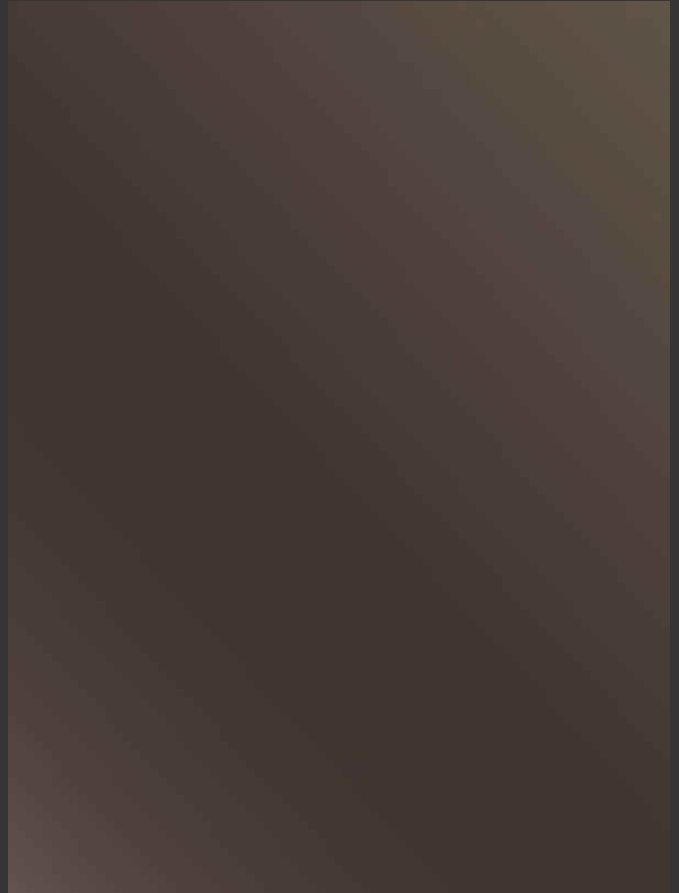


# RENOVO Series

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# RENOVO Series

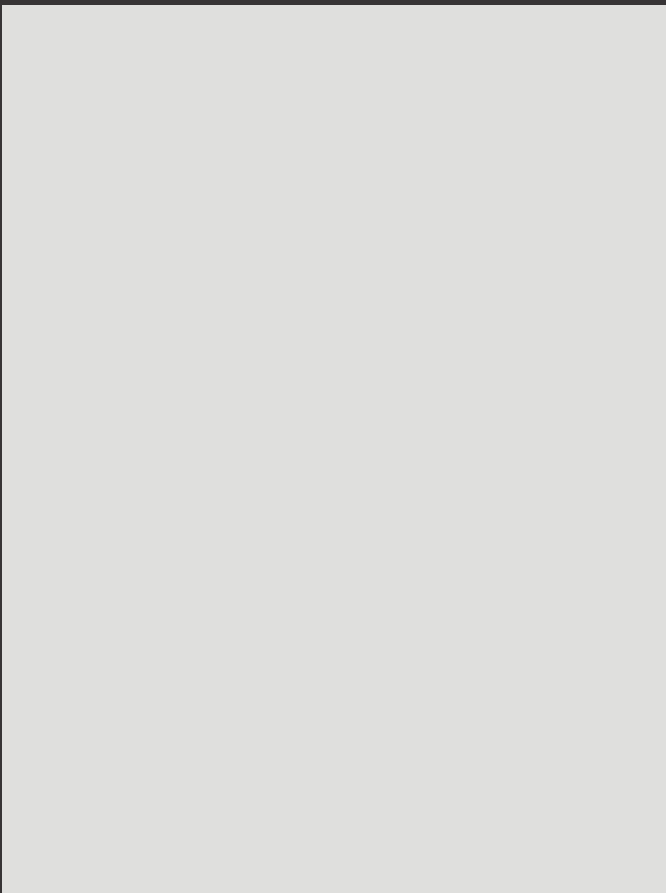
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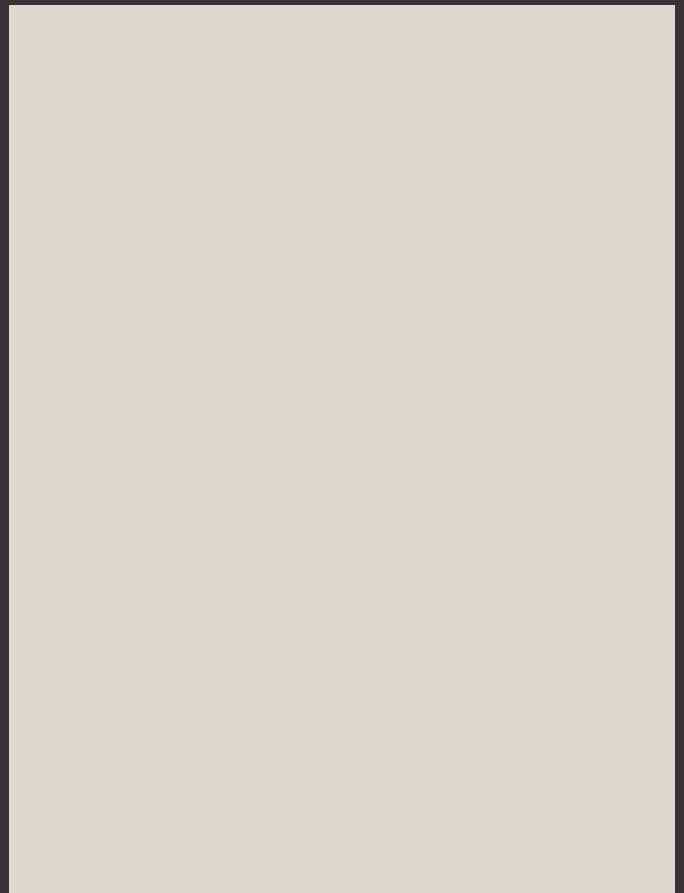
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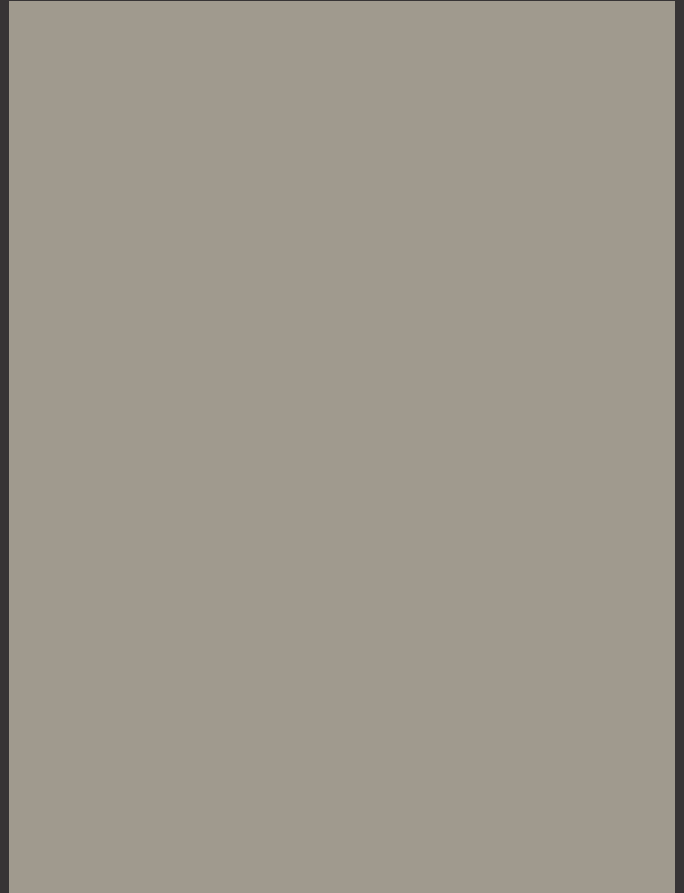
RENOVO  
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# RENOVO Series

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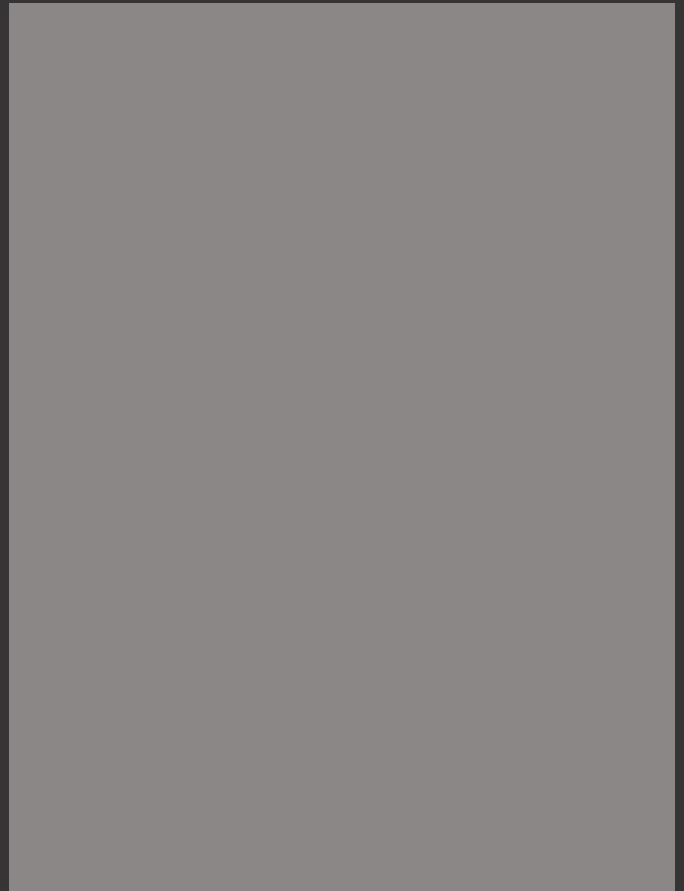
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# RENOVO Series

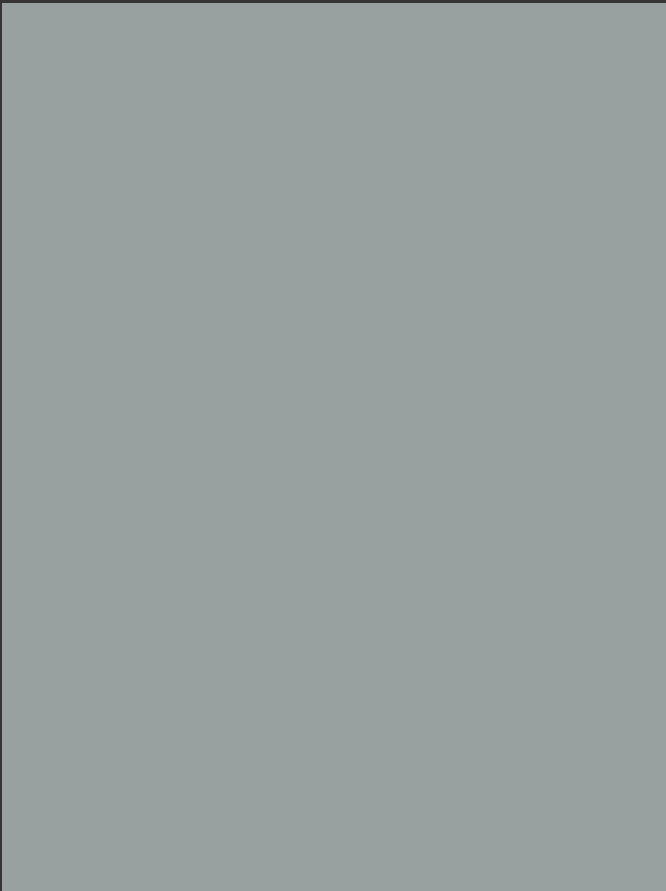
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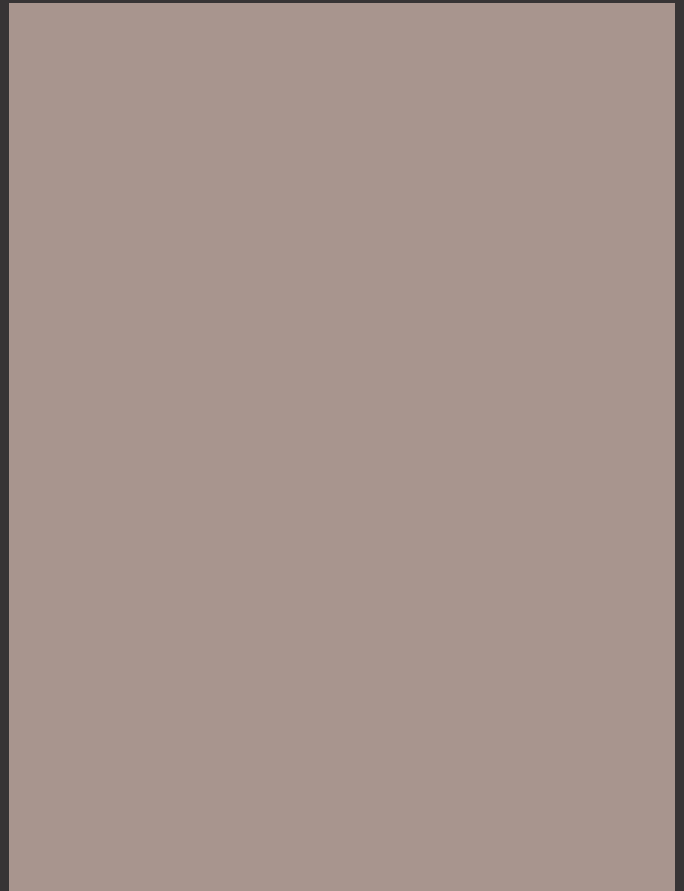
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RENOVO | 628

ANTI-FINGERPRINT FILM

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Factory



Tehran Office