



广州市好印新材料科技有限公司

Guangzhou Haoyin New Material Technology Co., Ltd.

QF55 Series Soft Metallic Heat Transfer Vinyl

APPROVAL PAGE

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TDS--Product Application Information

I. Product Features & Applications

- 1、Benefits: Fashionable appearance, premium quality texture, multiple colors available.
- 2、Characteristics: Strong metallic effect, soft and elastic, excellent wash fastness.
- 3、Advantages: Organic silicone adhesive film for easy cutting, easy weeding, and re-tack capability.
- 4、Applications: Suitable for textile fabrics and leather. Compatible with laser cutter, vinyl cutters, or cold blade tools.
- 5、Limitations: Not suitable for fine line pattern processing. Protect metallic surface during washing.

II. Technical Parameters

Item	Method/Equipment	Unit	Standard Value
Effective Thickness	Digital Thickness Gauge	μm	120±20
Washing ①	4A Standard (50°C water/60 min/cycle)	/	+ +
Color Difference (Same Batch)	Handheld Spectrodensitometer	/	△E≤4
Tensile Properties	Tensile Strength	MPa	> 5
	Elongation at Break	%	> 500
	Elastic Modulus	MPa	> 15
Peel Force (Before Heat Press)	internal	N/inch	0.1~1.0
Peel Force (After Heat Press)		N/inch	0.1~1.0

Notes:① One 4A wash cycle is equivalent to approximately 10 regular home washes. Three or more 4A wash cycles = (+++); one 4A wash cycle = (+).

② Recommended heat press parameters: Temperature 145~155° C × Time 10~15 s × Pressure 0.3 MPa. Conduct relevant tests after 24 hours at room temperature following heat pressing.

III. Specifications & Packaging

Standard stock size: 50 cm × 25 m. Other custom specifications available upon request.

IV. Storage & Shelf Life

- 1、Store in a cool, dry place away from direct sunlight. Avoid high temperatures (above 40° C) and high humidity (above 70% RH).
- 2、Prevent contact with sharp objects. Reseal unused portions after opening.
- 3、Shelf life: 12 months under proper packaging and storage conditions. Verify product performance after expiration date before use.

V. Precautions

- 1、Product data provided for reference only. Users should conduct thorough validation and evaluation of product suitability for specific applications (purpose and conditions) prior to use.
- 2、For processes, materials, or equipment outside the specified product scope, preliminary testing or consultation with our sales team is recommended to achieve optimal product performance.

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