

1、 产品描述

Product Description

DTF 是采用 PET 底材制作的复合涂层数码打印胶片，结构上包含底涂、正面离型、吸墨涂层、防静电处理等，额外的反面涂层用于区分单、双面涂布效果。

DTF is a multiple coated digital printing film (Polyester substrate), its front surface contains release / ink adsorbing coating. Rear surface treated by anti-statics coating and an additional release coating used to identify single or dual coated models.

胶片作为墨水载体用途广泛，专门研发的涂层在拥有有良好的吸墨性能的同时，不易吸附多余的热熔胶粉末，易清粉；也可以保护图案，不被灰尘和脏污沾染。在热转印图案压烫到服装和面料上后，很容易就可以将胶片剥离；在油墨的色彩鲜艳度、平整度和表面光泽度方面效果良好，表现十分稳定。

The film was widely used as an ink carrier, its patented coating has competitive inks adsorb rate and low adhesion on hot melt powder which can help to remove the powders, also can protect the graphics from dust and contamination. It can peel off easily after heat transfers applied on garment or fabrics and maintain the quality of bright ink color & smooth surface in designed glossy, no voids or dents.

产品可以按不同使用和打印设备要求以片装或卷装方式包装出货。

The product can pack in roll or sheet format to supply various printer models.

2、 材料成分信息

Material/Components Information

纯物质 Pure Substance 混合物 Mixture Substance

外观：半透明状胶片

Visual: Semi-transparent Films

材料名称 Material	比例 Percentage	厚度 Thickness
聚对苯二甲酸乙二醇酯 Polyethylene Glycol Terephthalate	95%	75 or 100µm
涂层和添加剂 Coating & Additives	5%	5-8µm(±10%)

3、 离型力和剥离方法

Release force and peeling method

3M 胶带型号

3M Tape Model: 3M-600S33

离型力范围

Release Force Range: 50-60g(±5g).

单面或双面涂层产品都可以热撕（等待 5 秒）或者冷撕

Single or double coated model both can be warm (wait 5 seconds) or cold peeled.

4、 表面光泽度 Surface Gloss Rate

按照 ISO 2813 标准

光泽度（单面）范围为 5-6°

光泽度（单面）范围为 3.5-4.5°.

According to ISO 2813,

Gloss Rate (single coated) range is 5-6°.

Gloss Rate (double coated) range is 3.5-4.5°.

5、 导电性能（表面电阻） Electric Conductivity (Surface Resistance)

按照 ISO 2878 标准，产品导电性能（表面电阻值）为 10^{10} 欧姆以上。
Based on ISO 2878, the product electric conductivity was over $10^{10}\Omega$.

6、 包装和储存环境 Package and storage environment

卷装物料：每箱内装有 2 卷产品，使用拉伸薄膜和气泡袋包装，在装入打印机送料架之前请拿掉黑色塑料胶塞，并在启动打印机前确保打印面板的吸风（纸）功能开启。

Roll format: It's packed and sealed by plastic bubble paper and every 2 rolls in 1 carton box, please remove the black plastic cover before loading rolls in printer material feeder and ensure air shaft active before printer launch.

片装物料：使用塑料胶片包装，每箱有 1000 张（2-10 包不等），所有尺寸可定制。请联络您的销售代表来获取关于最小起订量的信息。

Sheet format: it's packed and sealed in taped plastic papers, 1000 sheets (2-10 packs) per box, all dimensions can be customized and please contact your sales for relevant MOQ requirement.

哑面（卷装材料的外侧，或者片装材料开箱时，每一包看到有标签的一面）是打印面，已经标识得很清楚，我们不会承担任何因为将材料打印面弄错，而导致的损失和责任。

Matt surface (the outer surface in roll format, and front surface for sheet format when you open carton box) was printing side and each pack have a sticker to identify it, so we do not take any responsibility for wrong surface printing.

产品应当储存在 15-35°C，40-75% 湿度的区域，并且远离水源和阳光直射，建议将产品储存在阴凉和通风良好的仓库。

The product should stored in 15-35°C, 40-75% humidity and keep it away from fire or water source or direct sunshine, keep it in a cool and ventilated warehouse.

7、 保存期限 Warranty Period

在确认客户的物料储存环境后我们提供 12 个月的保质期限（未开封），请在收到每一批新物料后检查以上所有特性和要求。如有任何疑问请联系您的销售代表。

We provide 12 months warranty period for original packing products if confirmed client stored the material properly. Please check all characteristics upon receipt of the new batch. And feel free to contact your sales if any queries.