



手感柔软、亲肤、  
卓越的拉伸性与高还原力。

Soft, Skin-friendly,  
Excellent Stretch and High Recovery.

**TD6105C**  
**高弹力 果冻胶**  
High Stretch Gel Adhesive

### 产品描述 Product Description

TD6105C果冻胶是一种手感最柔软、最具弹性的突破性粘合剂薄膜，其提供低模量、良好的回复性和柔软的手感，可显著提高服装的舒适性和性能。

TD6105C is a breakthrough adhesive with extraordinary softness and stretch, its low modulus, good recovery and soft hand feel dramatically improves the comfort and performance of garments.

### 特点 Features

- 手感柔软、亲肤；
- 非常容易拉伸和回弹；
- UV不黄变。
- Soft and skin-friendly;
- High stretch and recovery;
- UV resistant.


### 应用 Applications

非常适合用于无缝内衣或运动内衣的底围、翅膀、肩带和胸罩带；裤腰带；折边；以及重叠接缝。  
Ideal for bra bottom, wings, straps, bands, waistbands, folded ruffles and overlapping seams.



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## 技术参数 Technical Data

型号 Item Code		TD6105C	
标准宽度 Width	1000mm +10mm/-0mm (可按客户要求分切)(or made to order)		
胶粘剂厚度 Adhesive thickness	0.25 / 0.35mm ±0.03mm; 0.50mm ±0.05mm; 1.0mm ±0.08mm		
成分 Composition	离型纸 + TPE热熔胶 Released Paper + TPE		
颜色 Color	透明 Transparent		
耐UV黄变级别 UV resistant level	4-5级 Grade 4-5		
熔点 <sup>2</sup> Melting point	150 ±5°C		
熔融指数 <sup>3</sup> MFR	15 ±5g / 10min		
模量 <sup>4</sup> Modulus	40%模量 Modulus	0.65 ±0.25N (0.25mm规格) (0.25mm SPEC)	
	100%模量 Modulus	1.0 ±0.25N (0.25mm规格) (0.25mm SPEC)	
恢复性 <sup>5</sup> Recovery	40%回复率 Recovery	≥99%	
	100%回复率 Recovery	≥97%	
关注符号 Care Symbols			
储存条件 Storage Condition	在通风、干燥、避光的环境下, ≤35°C的温度下密封存放 Sealed storage in a ventilated, Dry place without direct sunlight at temperatures of ≤35°C		
最佳使用期限 Shelf life	≤1年 ≤1 year		

备注: 1. 克重: 是指粘胶剂自身的重量, 在测量克重之前PET底膜和蓝色保护膜都要先剥离;

2. 熔点: 胶粘剂的熔化温度值;

3. 熔融指数: 按照GB/T 3682.1-2018标准测试, 测试温度为160°C, 负荷为2.16kg;

4. 模量: 将规格为0.5/1.0x10mm (厚度x宽度) 的胶膜拉伸至定伸 (如定伸50%、100%) 长度所需要的力;

5. 恢复性: 将规格为0.5/1.0x10mm (厚度x宽度) 的胶膜拉伸至定伸 (如定伸50%、100%) 长度后的还原率。

Notes: 1. Weight (g/m<sup>2</sup>) refers to the weight of the adhesive itself. Released PET and blue protective layer must be removed before measuring.

2. Melting point: the melting temperature value of the adhesive.

3. MFR: Tested under GB/T 3682.1-2018, temperature(160°C), pressure(2.16kg).

4. Modulus: It is the tensile for drawing the specimen (0.5/1.0x10mm) to constant extension distance like 50%,100%.

5. Recovery: It is the percentage of recovery after drawing the specimen (0.5/1.0x10mm) to constant extension distance like 50%,100%.

## 初始粘合条件 Initial Bonding Conditions

平板压机 Plat Pressing Machine		
	加工范围 Processing	建议参数 Advice parameters
温度 Temperature	145-170 °C	155 °C
时间 Time	20-35 s	20 s
压力 Pressure	2.8~4.2 bar	3 bar

注意:

1. 以上参数仅供参考, 请客户根据面料、设备、成衣设计与制作工艺等实际情况调试。盈通建议客户提供相应面料进行测试, 从而为客户推荐合适使用的产品和方案。

2. 温度是指粘合过程中粘胶剂所达到的温度 (实际温度需使TPE热熔胶完全熔化, ≥145°C), 必须测量粘胶剂在贴合线上的温度以获得精确的机器设定。

Remark:

1. Above parameters are for reference only, any adjustment please further evaluate the actual situation of fabric, equipment, garment design and production process. Please to provide fabrics for testing and Yetom team will recommend the product for customer.

2. Temperature refers to the temperature achieved the best bond during the bonding process (TPU adhesive completely melted, actual temperature ≥145°C). Bonding temperature must be measured for accurate settings for the machine.

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