

Hot Melt Adhesive TPU Film Extrusion Line

This TPU film extrusion line is designed for producing hot melt adhesive films. It is widely used for seamless zippers, mobile phone cases, and laminating fabrics.



ADDITIONAL IMAGES



Overview

High-Efficiency TPU Film Production

This advanced TPU film extrusion and coating line is engineered for the precise manufacturing of hot melt adhesive films. It features robust construction and sophisticated control systems to ensure consistent film thickness and high-quality output. The system integrates extrusion, cooling, and winding processes, making it a reliable solution for producing versatile adhesive films used across the textile, automotive, medical, and consumer goods industries.

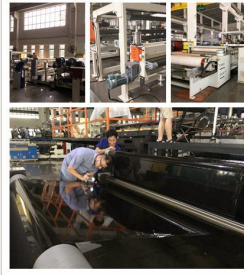
Technical Specifications



The production line features advanced extrusion technology and precise control systems for consistent film quality.

Max Working Speed	150 m/min
Max Coating Width	3200 mm
Coating Film Thickness	0.01–0.11 mm
Thickness Inaccuracy	6 %
Compatible Coating Resins	LDPE, PP, EVA, EAA
Compatible Base Materials	Paper (30-425g/m ²), Textile Fibre, Non-woven Fabric

Key Features



Integrated system designed for efficient extrusion, coating, and lamination processes.

System Highlights

- High-finish cooling rollers to eliminate compounding bubbles
- Screw-type cooling structure on silicone and cooling rollers for rapid cooling
- Vector frequency electric motor drive for compounding rollers
- Precise thickness control and adhesive property optimization

Applications



The Product Application

- TPU film for shoes/bag series
- TPU film for waterproof series
- TPU film for sporting goods
- TPU film for medical series
- TPU film for daily necessities series

TPU film is highly versatile, used in everything from medical supplies and sporting goods to footwear and daily necessities.

Common Applications

Category	Application
Apparel & Fashion	Mountaineering Jackets, Raincoats, Fashion Clothes
Footwear & Accessories	Sport Shoes, Handbags, Seamless Zippers/Pockets
Medical & Hygiene	Disposable Surgical Cases, Medical Mattresses
Industrial & Outdoor	Kite Bladders, Airships, Transparent Tents, Water Balls
Technical Fabrics	Mesh Fabric Lamination, Reflective Materials, Conductive Fabric