

Lamination Die for Plastic Film

This lamination die is designed for processing various plastic films including PP, PVC, PE, HDPE, BOPP, LDPE, and EVA. It ensures uniform lamination with adjustable settings for different film thicknesses and material properties.



Product Overview

High-Precision Lamination Die

This industrial lamination die is engineered for high-performance processing of a wide range of plastic films, including TPU, CPP, CPE, PP, PE, PVC, EVA, LDPE, HDPE, BOPP, PVB, and PC. Designed for versatility, it supports film thicknesses ranging from 0.01mm to 0.2mm with customizable die widths up to 8000mm. With advanced lip adjustment systems and high-grade material construction, this die ensures consistent, uniform lamination quality for demanding production environments.

Technical Specifications

Film Thickness

0.01 mm

Min Thickness

0.2 mm

Max Thickness

Compatible Materials

TPU, CPP, CPE, PP, PE, PVC, EVA, LDPE, HDPE, BOPP, PVB, PC

Die Width

300mm - 8000mm

Construction & Materials

Available Materials

- 2738
- S316
- 718
- 5Crinimo
- P20

Surface Finish Specifications

Surface Area	Roughness (Ra)
Lips and Flowing Surface	0.02-0.03
Other Surfaces	0.03-0.04

Chrome Thickness

0.04 mm

Surface Hardness

60-70 HRC

Operational Features

Lip Adjustment Systems

- Manual full push flexible fine-turning
- Automatic full push flexible fine-turning
- Manual push & pull fine-turning
- Automatic push & pull fine-turning

Feeding Type

Round • Square • Special