

Extrusion Die for Plastic Film and Sheet Production

This extrusion die is designed for producing high-quality plastic film and sheet. It features advanced flow channel design for uniform material distribution and consistent thickness.



Overview

Precision Extrusion Die

This high-performance extrusion die is engineered for the production of diverse plastic films and sheets, including TPU, CPP, CPE, and various PE/PP variants. It features a robust construction with advanced flow channel design to ensure uniform material distribution and consistent thickness across the entire product width. With customizable width options and precision-engineered lips, this die provides superior performance and durability for demanding industrial extrusion applications.

Technical Specifications

Film Thickness

0.01 mm

Min Thickness

20 mm

Max Thickness

Compatible Materials

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

Die Width

300mm - 8000mm (customizable)

Construction & Materials

Die Material Options

- 2738 (Germany)
- S316
- 718
- 5Crinimo
- P20

Surface Finish Specifications

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

Chrome Thickness

0.04 mm

Surface Hardness

60-70 HRC

Control Systems

Lips 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 Configuration

Round • Square • Special