

Extrusion Film Die for PP PVC PE HDPE BOPP LDPE EVA

This film die is designed for extruding PP, PVC, PE, HDPE, BOPP, LDPE, and EVA films. It features an adjustable lip gap and streamlined flow channel, ensuring consistent film thickness.



Product Overview

High-Precision Extrusion Film Die

This high-precision extrusion film die is engineered for versatility and consistent performance across a wide range of thermoplastic materials, including PP, PE, PVC, and EVA. Designed to support film thicknesses from 0.01mm to 0.2mm, it offers customizable die widths ranging from 300mm to 8000mm to meet specific production requirements. With advanced lip adjustment systems and high-grade material construction, this die ensures uniform material distribution and superior dimensional control for professional film manufacturing.

Technical Specifications

Film Thickness

0.01 mm

Min Thickness

0.2 mm

Max Thickness

Compatible Materials

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

Die Width Range

300mm - 8000mm

Construction & Materials

Die Material Options

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

Surface Finish Quality

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

Chrome Plating 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

Screw Grade

12.9