

# 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