

# Film Coating Die for Extrusion

This coating die is designed for use in film extrusion processes. It ensures uniform coating thickness and consistent material distribution.



## Product Overview

### Precision Film Coating Die

This high-performance film coating die is engineered for precision extrusion processes, ensuring uniform material distribution and consistent coating thickness. Designed for versatility, it supports a wide range of plastic materials including TPU, CPP, and various PE/PP grades. With advanced lip adjustment systems and high-grade construction materials, this die offers the reliability needed for high-volume, specialized industrial production.

## Technical Specifications

### Die Width

**300 mm**

Min Width

**8000 mm**

Max Width

### Feeding Type

- Round
- Square
- Special

### Product Thickness

0.2 - 25 mm

### Die Material Options

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

## Surface Engineering

### Surface Finish Metrics

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

### Screw Grade

12.9 Grade

## Application Compatibility

### Compatible Materials

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