



## Navigation



## Extrusion 1-0-Wiki Pages

- [Main Page](#)
- [Best Papers](#)
- [Book Reviews](#)
- [Consultants Corner](#)
- [Extruder Software](#)
- [Extrusion Hints](#)
- [Safety](#)
- [Shop Tools](#)
- [Sponsors](#)
- [Technical Articles](#)

## Search the Wiki

 »

## Viewing/Creating

- [Random Page](#)
- [Create a new Page](#)
- [All Pages](#)
- [Categories](#)

## Account Management

- [Login/Logout](#)
- [Language Selection](#)
- [Your Profile](#)
- [Create Account](#)

## Administration

- [Administration](#)
- [File Management](#)

## Brought to you by:

The SPE Extrusion Division  
Board of Directors



# Breaker Plates

Modified on Monday, 02 February 2015 12:54 PM by [mpieler](#) Categorized as [Extrusion Hints](#)

[\(10\)](#) » [Film Mount](#) » [Extrusion Flow Stability](#) » **Breaker Plates**

Breaker Plates  
Vol. 26 #1, March 1999

The use of breaker plates in the extrusion process serve a dual purpose, i.e., create a seal between the extruder barrel and, secondly, allow a means of building back pressure through the use of screen packs.

However, sometimes deleterious effects take place because the screen are too fine and filter out some of the compound ingredients [CaCO<sub>3</sub>](#), [AOM](#), etc., causing back pressure to escalate during the course of a production run.

The remedy is to design a breaker plate with the same surface, i.e., smaller holes and less of them to achieve the same back pressure without screens!

- D. Cykana, Bemis Mfg. Co.

See also:

- [Breaker plate maintenance](#)
- [Clean breakers](#)

Return to [Extrusion Hints](#)

Some of the icons were created by [FamFamFam](#)