



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



# Metering Pump

Modified on Monday, 02 February 2015 12:43 PM by [mpieler](#) Categorized as [Extrusion Hints](#) [\(10\)](#) » [Product Variations](#) » [Purge 2](#) » **Metering Pump**

Metering Pump  
Vol. 25 #3, Dec. 1998

When a metering pump is added to an existing extrusion process, extruder back pressure must still be monitored and controlled. Back pressure is essential to insure that uniformity problems such as excessive surging or voids (caused by screw design, feed system variation or temperature profile), large melt temperature variation and unmelted resin are still avoided. The metering pump is a metering device and does not correct for such process problems.

- Mark Sewak, LCI Corp.

See also:

- [Monitor back pressure](#)
- [Surging](#)

Return to [Extrusion Hints](#)

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