



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](#)

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Adapter Flow

Modified on Sunday, 01 February 2015 11:04 PM by [mpieler](#) Categorized as [Extrusion Hints](#) 
(10) » [Screw Removal 2](#) » [Heat Transfer](#) » **[Adapter Flow](#)**

Adapter Flow
Vol. 22 #2, Sept. 1995


It is important to remember that the flow through the center of an adapter is generally at a higher temperature than at the wall. Plastic is typically a poor conductor of temperature so cooling at the wall will not significantly affect the center of the melt stream. Consequently, the adapter temperature(s) should be set at, or even slightly above, the actual melt temperature.

If an adapter zone is set below the actual melt temperature, it can induce or exacerbate a temperature gradient. Temperature gradients often lead to undesired flow variations and/or create gauge problems.

See also:

- [Adapter flange leak](#)
- [Restrictive adapter](#)

Return to [Extrusion Hints](#)

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