



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



Rupture Disks

Modified on Sunday, 01 February 2015 01:00 PM by [mpieler](#) Categorized as [Extrusion Hints](#)

(10) » [SPE Extrusion Division 1-0-Wiki](#) » [Extrusion Hints - User Submissions](#) » [Rupture Disks](#) 

Vol. 16 #2, Dec. 1989 - Rupture Disks

There is a real danger that excessive pressures can develop in the extruder during heating/start up and also during operation. The extruder barrel in general has a safety rating for pressures up to 10,000 psi, but there is a concern that a die or some other part of the extruder may let go and injure the operator with escaping melt, decomposition products, hot gases, metal, and other chemicals, as well as noise.


Rupture disks can be installed into a melt port located in the barrel or die which is used for measurements of melt temperature or pressure. The disks have the standard 1/2 inch 20NF thread and can be ordered with a preset fail pressure. The disks can be returned to the factory for repair once they have been ruptured. Further information can be obtained from:

Fike Metal Products
Dept. TR
704 S. Main Street
Blue Springs, MO 64015

See also:

- [Pressure blips](#)
- [Pressure transducers](#)
- [Pressure transducers 2](#)

Return to [Extrusion Hints](#)

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