



Extrusion Burst Plugs for the Plastic Industry

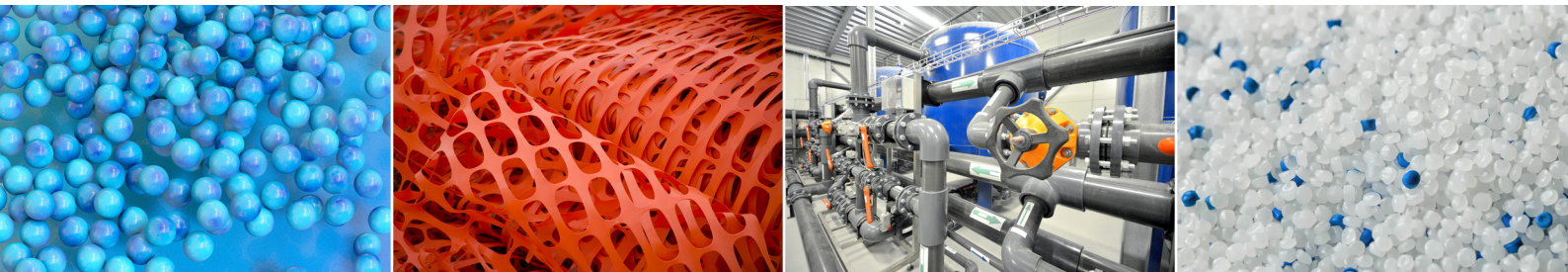


Safety through **knowledge** and **performance**.



Extrusion Burst Plug Solutions

ZOOK is a leading global manufacturer of a complete line of standard and custom extrusion burst plugs.



We have a state of the art manufacturing facility that is designed to produce only the highest quality products in the industry, and meet rapid delivery times while exceeding the exacting requirements placed on us by our customers. ZOOK's technical expertise, manufacturing advantages and our service excellence has put us at the forefront as an industry leader.

The over pressure protection devices designed and manufactured by ZOOK deliver unique engineering and commercial solutions which

supply unprecedented safety to plant operators and overall protection to capital equipment investments.

Not all rupture disks are created equal! ZOOK's welded design offers the following benefits:

- Competitive soldered designs require a counter bore in the tip to accept the soldering process. ZOOK's welded design provides flush attachment eliminating potential product build up
- Welded joints are stronger and more resistant to increased

temperatures, which eliminates spurious bursts and ultimately product contamination

- Joint failure is eliminated due to increased temperature and pressure cycling
- Material creep is removed ensuring burst repeatability
- Superior joint design reduces confusing temperature correction factors
- Additional stability ensures the device will burst within tolerance throughout the specified temperature range
- Offers a proven known repeatable procedure resulting in improved quality and predictable results

ZOOK's unmatched quality control produces a world-class high performance product

- 0% Manufacturing range
- Burst tolerance +/-10%
- Typical standard deviation is +/- 1%
- 100% Leak tested
- 100% Electronic thread verification utilizing an optical comparator
- 100% Statistically controlled
- 100% Ultra-sonically cleaned prior to shipment



At ZOOK we constantly strive to produce the highest quality safety products that our customers have grown to expect

- Manufacturing facility is fully certified by the ASME Boiler and Pressure Vessel Code and the European Pressure Equipment Directive
- Comprehensive material traceability available
- CE marking available as a standard
- Minimum of three qualification burst tests performed per manufacturing lot with an

additional test for each twenty five parts manufactured providing evidence of accuracy

- Burst test certification document provided with every order
- Packaging and parts marked and recorded with manufactures name and manufacturing lot number verifying critical origin.

ZOOK Commercial advantages to our customers

- Customized packaging and labelling available
- Highly competitive pricing due to state of the art manufacturing.

- Visible product origin and batch control
- Full range of material choice
- Full range of pressure available
- Total flexibility to geometry of extrusion burst plug

The ZOOK Innovation.

Burst indication/sensor designs are available allowing automatic shut-down on rupture of the extrusion burst plug avoiding a costly clean-up operation.



Safety through knowledge and performance.



SERVING AMERICA, CENTRAL & SOUTH AMERICA

16809 Park Circle Drive
Chagrin Falls, Ohio 44022
United States

Toll Free: **+1 800 543 1043**
Phone: **+1 440 543 1010**
Fax: **+1 440 543 4930**
E-mail: **sales@zookdisk.com**
Website: **www.zookdisk.com**

SERVING EUROPE, MIDDLE EAST & AFRICA

Navigation House, Bridge Street
Killamarsh, Sheffield, S21 1AL
United Kingdom

Phone: **+44 (0) 1909 560999**
Fax: **+44 (0) 1909 560860**
E-mail: **sales.europe@zookdisk.com**
Website: **www.zookdisk.com**

SERVING CANADA

4400 South Service Road
Burlington, Ontario, L7L 5R8
Canada

Toll Free: **+1 800 370 6057**
Phone: **+1 905 681 2885**
Fax: **+1 905 681 8838**
E-mail: **sales.canada@zookdisk.com**
Website: **www.zookdisk.com**

SERVING ASIA PACIFIC

Unit No. 23A-05, Menara Landmark
No.12, Jalan Ngee Heng
80000 Johor Bahru, Johor,
Malaysia

Phone: **+60 (7) 2910099**
Fax: **+60 (7) 2910096**
E-mail: **sales.asia@zookdisk.com**
Website: **www.zookdisk.com**

ALL OTHER INTERNATIONAL INQUIRES

E-mail: **sales@zookdisk.com**

