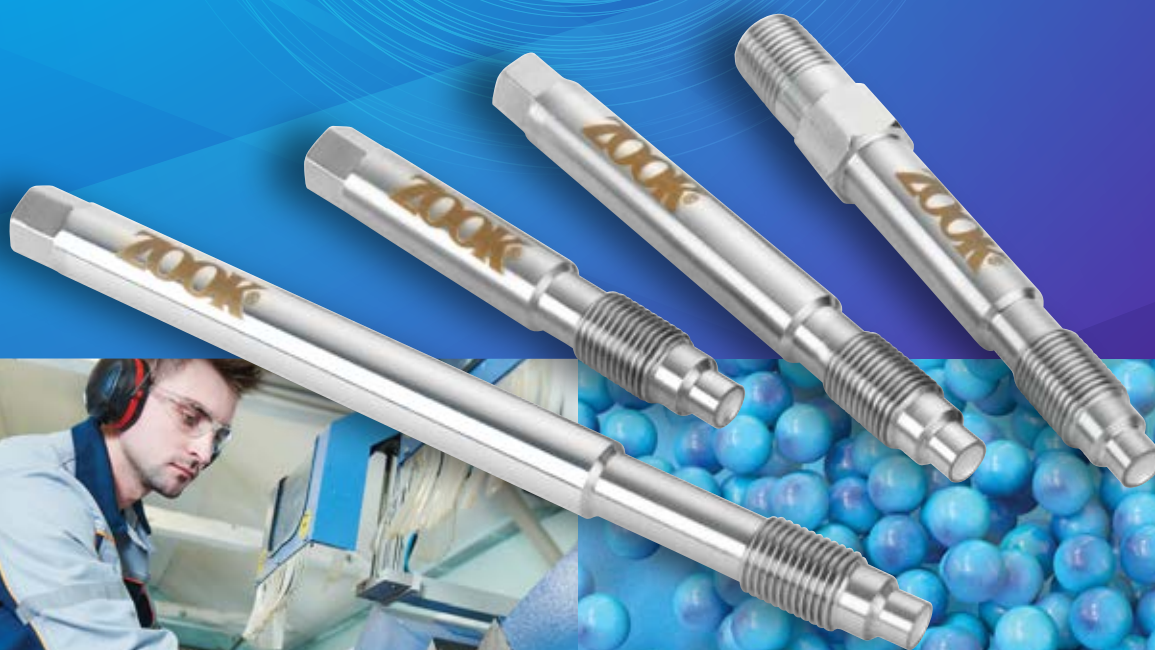


ZOOK®



Extrusion Burst Plugs

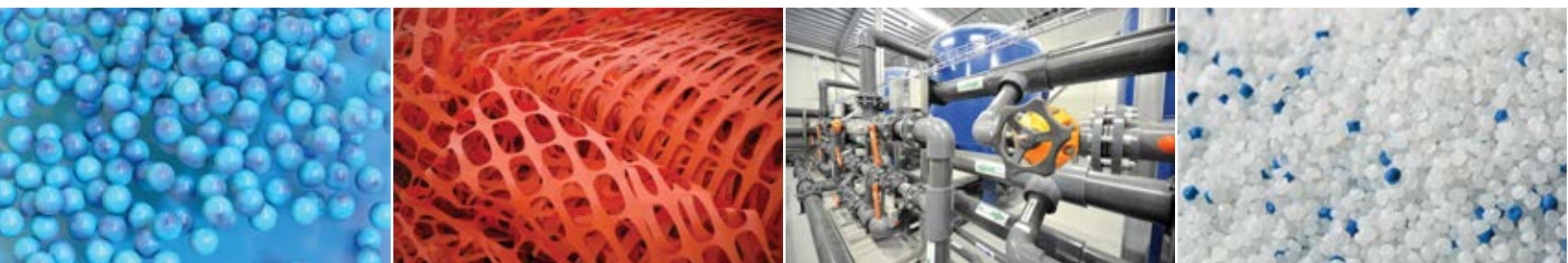
Pressure Relief Devices for the Plastic Industry



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.

ZOOK is committed to finding pressure relief solutions for our customers that maximize their productivity and performance while keeping them safe. ZOOK is a global market leader with over 90 years of manufacturing expertise of high quality metal & graphite rupture disks and other pressure relief products. ZOOK has global locations in the USA, United Kingdom, Canada and Malaysia, with state-of-the-art manufacturing facilities in Canada and the USA.

Our products are sold in 65+ countries and to-date have over 6,000 customers buying our products worldwide.

We are dedicated to investing heavily in the latest technology and production to stay competitive in the marketplace, and are able to offer comprehensive solutions to the selection and sizing of products best suited for each customer application.

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