

# HoseGuard<sup>®</sup> Stainless Steel Compact Size – Maxi Benefits

# CUBEAIR<sup>®</sup>

– Burst Protector  
for Compressed Air Lines –



**Protect your most important assets: your employees and their equipment!**

## Highlights:

- ✓ Protects Personnel, Machinery and Plant
- ✓ Maintenance friendly – Repair possible while plant is still operating
- ✓ Small and compact size (28 mm dia – 62 mm height)
- ✓ Economic – No unnecessary repairs
- ✓ Complies with EU-Standard EN 983 § 5.3.4.3.2\*
- ✓ Corrosion resistant
- ✓ Reliably and tamper proof
- ✓ Competitively priced
- ✓ No adjustment necessary

Branches of industry with high hazard potentials, such as the chemicals and pharmaceuticals industries, as well as clean room and offshore technologies, place extremely high demands on both the safety of their employees and protection of their facilities. Compressed air is used as an energy-transfer medium in all these fields, and is by no means without its dangers: compressed air hoses can rupture or burst, as can fixed tube connections. They can also be torn off by external forces, and can be damaged by a wide variety of causes. This primarily exposes the persons working in such areas to extreme hazards. Similarly, it also threatens resultant damage to expensive facilities and consequent costly production downtimes. The patented burst protection technology of the CubeAir HoseGuard<sup>®</sup> offers a simple, inexpensive method to achieve far-reaching safety for operation of compressed air hoses and tubing systems.

## Fields of Applications:

Chemical-, pharmaceutical industries, Clean-Room, Off Shore and similar industrial fields.

\*The EU-Standard EN 983 §5.3.4.3.2 states: "Failure of flexible hose assemblies and plastic piping: If the failure of a flexible hose assembly or plastic piping constitutes a whiplash hazard, it shall be restrained or shielded. If the failure of a flexible hose assembly or plastic piping constitutes a fluid ejection hazard, it shall be shielded."



**HoseGuard<sup>®</sup>: Your Safety is at Stake !**

[www.cubeair.com](http://www.cubeair.com)

## HoseGuard® Air Fuse 1/2"

The HoseGuard® air fuse protects against severe damage that can take place when a sudden break occurs in a compressed air system or compressed air hose.

In such case, the air fuse automatically cuts off the air supply, should the volume of air exceed a pre-set value.

This "value" is pre-set by the manufacturer to allow normal air consumption, when using air tools. HoseGuard® was designed so that it ensures a constant bleeding through a tiny nozzle, making the HoseGuard® return to zero position, once the broken hose has been repaired.

Thus HoseGuard® is a simple but highly effective protection.



### HOSEGUARD®

#### Ordering information:

Type: 1/2" BSP 281R0411

#### Technical data:

Medium: compressed atmospheric air

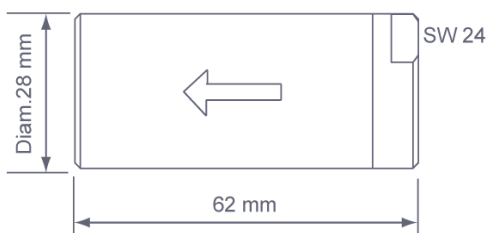
Max. pressure: 18 Bar / 261 PSI

Pressure differential: 0.05 – 0.1 Bar

Pressure differential on closing 0.3 Bar

Temperature: -20 – +80°C

Weight: 132 gr.



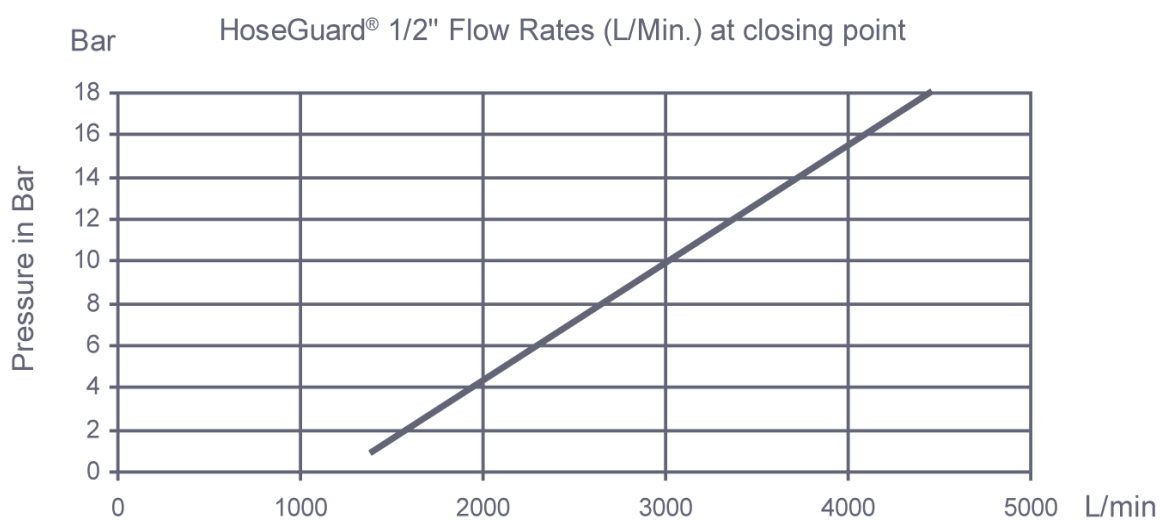
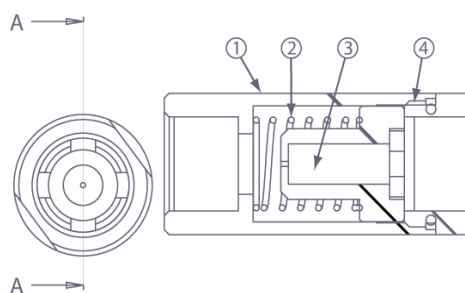
#### Materials:

Housing ①: Stainless Steel - Din 17440 Material No.1.4404

Piston ②: Polyoxymethylen, POM, Kepital F20-03

Spring ③: Stainless Steel - Din 17224 Material No. 1.4310

O-Ring ④: Nitrile rubber (NBR) / Viton FPM



Professional partner