

HoseGuard®
Compact Size – Maxi Benefits

CUBEAIR®

– Airfuse – Protection of
Personnel, Machinery and
Equipment –

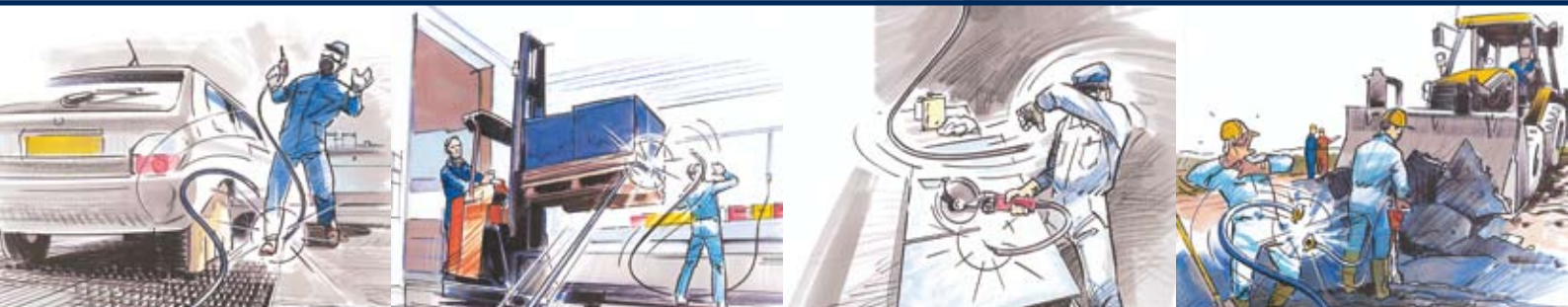


Protect your most important assets: your employees and their equipment!

Highlights:

- ✓ Protects personnel, machinery, and plant
- ✓ Maintenance friendly - repair possible while plant is still working
- ✓ Economic: competitive pricing, no superfluous repairs
- ✓ Complies with EU standard EN 983 - § 5.3.4.3.2
- ✓ Reliable and tamperproof, no adjustment necessary
- ✓ Light weight - compact size
- ✓ Compatible with all pneumatic systems
- ✓ Can be used as a flow blocker
- ✓ TÜV Approval No. 01-02-0145
- ✓ EU Registered Utility Model Nr. 0025 73 525
- ✓ USA/US Designpatent D 475, 126

This may happen without HoseGuard®:



HoseGuard®: it's about your safety!

HoseGuard®

1/4" 3/8" 1/2" 3/4" 1" 2"



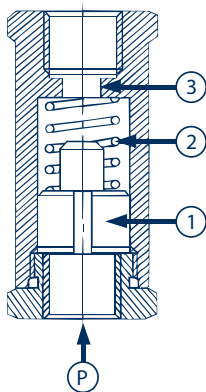
The HoseGuard® is a simple, but efficient protection of a broken compressed-air hose. The air supply is shut off immediately by the HoseGuard®, should the volume of air exceed a set value. This "value" is preset by the manufacturer and is of course, set in a way that allows normal air consumption when using air tools. The HoseGuard® is made 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. The HoseGuard® remains closed until the quick-connection for the main pip has been disconnected.

| | | |
|----------------------|--|---------------------------|
| Max Primary Passure: | 18 bar | 1/4" - 3/8" - 1/2" - 3/4" |
| | 35 bar | 1" - 2" |
| Temperature: | 1/4" - 1/2" | -20 - +80°C |
| | 3/4" - 2" | -20 - +120°C |
| Material: | Housing | Aluminium |
| Other Parts: | Nitrile Rubber, Plastic, stainless steel | |

Order no. key: 281A

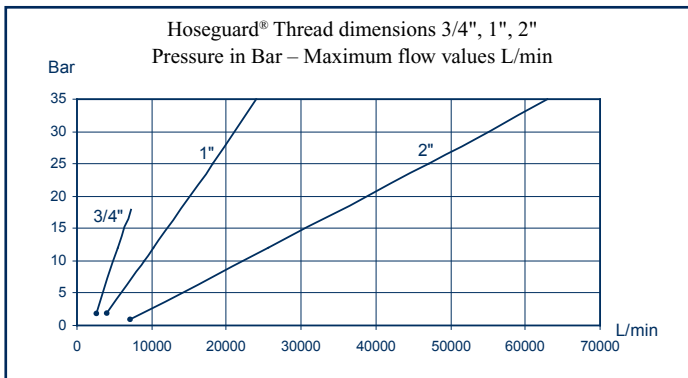
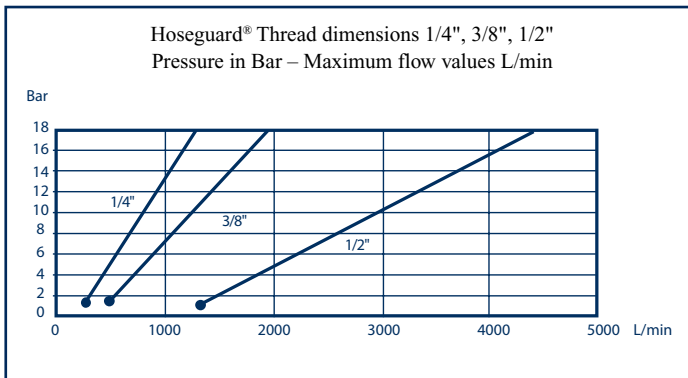
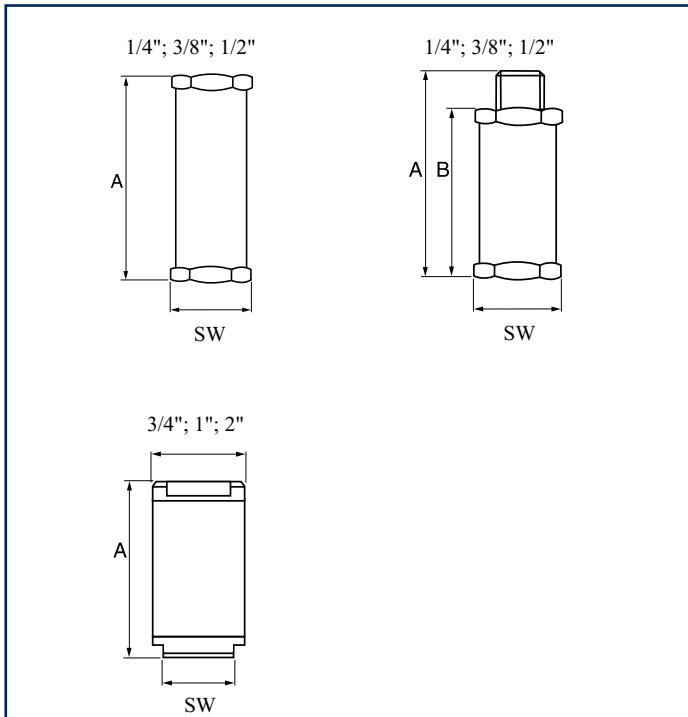


| | | |
|----------------------|---|---------------|
| 1. Thread type | 0 | BSP |
| | 1 | NPT |
| 2. Thread connection | 2 | 1/4" |
| | 3 | 3/8" |
| | 4 | 1/2" |
| | 5 | 3/4" |
| | 6 | 1" |
| | 9 | 2" |
| 3. Thread | 1 | Female/female |
| | 2 | Male/male |



Function:

The drawing below: (P) is the inlet. The air passes the piston (1) and continues through the seat (3). The air flow, passing the piston, is slowed down by means of some lengthwise grooves on the outer side of the piston. If the flow is too high, the air cannot pass the piston quickly enough, and the piston would be pressed against the spring (2) underneath and towards the seat. The maximum flow is shown in the graphic. If the value indicated is exceeded – e.g. if the hose suddenly breaks – the air supply is automatically shut off.



| Thread connect. | Dimensions mm | | | Weight |
|-----------------|---------------|----|-------|--------|
| | A | B | SW | |
| BSP | | | | |
| 1/4" | 48 | - | 22 | 30 gr |
| 1/4" | 58 | 49 | 22 | 36 gr |
| 3/8" | 59 | - | 27 | 58 gr |
| 3/8" | 71 | 59 | 27 | 62 gr |
| 1/2" | 65 | - | 30 | 78 gr |
| 1/2" | 80 | 65 | 30 | 85 gr |
| 3/4" | 76 | - | 30/36 | 107 gr |
| 1" | 100 | - | 41/50 | 300 gr |
| 2" | 130 | - | 70/80 | 775 gr |

Professional partner

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