



**PROPORTION**AIR

# HoseGuard



## What is the **HoseGuard**?

A pre-set air fuse that offers simple but effective protection for pneumatic systems in the event of a broken compressed air hose or pipe.

Reduces the potential for an air hose to break and whip around violently while potentially damaging equipment and injuring personnel. Should the volume of air exceed the factory pre-set value, the HoseGuard automatically senses this increase and immediately shuts off the air supply.

## **HoseGuard** Benefits

- Protects personnel, equipment and facilities from dangerous pneumatic hose breaks.
- Maintenance friendly - a small bleed allows for easy repairs if/when a hose does break.
- Reliable, factory pre-set and tamper-proof. No adjustment necessary - simply install.
- Lightweight, compact size and compatible with all pneumatic systems



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# HoseGuard

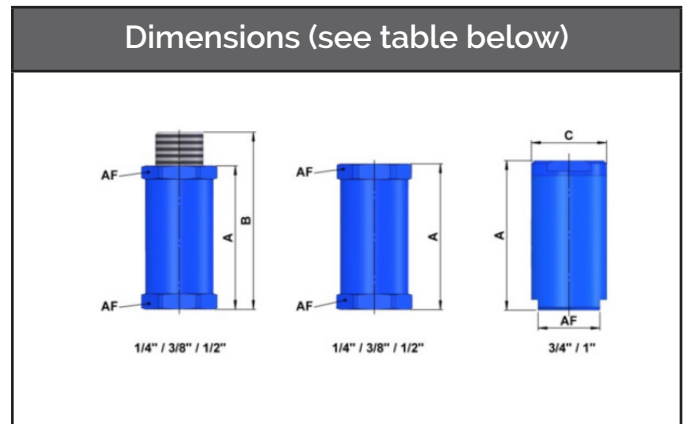
Technical Specifications	
Max Inlet Pressure	255 PSIG (18 bar)
Sizes	1/4", 3/8", 1/2", 3/4", 1", 2"
Thread Connection	Male/Female <sup>†</sup> Female/Female
Flows	Low <sup>†</sup> , Standard, High <sup>†</sup>
Temperature Range	1/4", 3/8", 1/2": -4° to 176° F (-20° to 80° C)   3/4", 1", 2": -4° to 248° F (-20° to 120° C)
Materials	Housing: Aluminum* Other: Nitrile, rubber, plastic, stainless steel

<sup>†</sup>Not available on all sizes  
\*Stainless steel available by special order

## Applications

- Offshore
- Power plants
- Amusement parks
- Factories
- Assembly lines
- Many more

Regulatory Compliance
<ul style="list-style-type: none"> <li>EN ISO 4414/ISO 4414 § 5.4.5.11.1 Machinery Directive 2006/42/EG</li> <li>OSHA USA: 1926 Safety &amp; Health Regulations for Construction, Power-operated hand tools - 1926.302(b)(7) OSHA regulations (Standards - 29 CFR)</li> <li>OHSAS 18001 (to be replaced by ISO 45001) Occupational Health and Safety Standard</li> </ul>



Thread connection*	Flow Type	Max Inlet Pressure	Flow Closing Point at 120 PSIG**	Dimensions (in)				Weight (g/oz)	Part Number
				A	B	C	AF		
1/4", F/F, NPT	Low	255 psig (18 bar)	~1.8 SCFM	1.93			.87	33/1.16	PHG281ZL1211
1/4", F/F, NPT	Standard	255 psig (18 bar)	~27 SCFM	1.93			.87	33/1.16	PHG281A1211
1/4", F/F, NPT	High	255 psig (18 bar)	~35 SCFM	1.93			.87	33/1.16	PHG281ZH1211
1/4", M/F, NPT	Low	255 psig (18 bar)	~1.8 SCFM	2.32	1.93		.87	40/1.41	PHG281ZL1221
1/4", M/F, NPT	Standard	255 psig (18 bar)	~27 SCFM	2.32	1.93		.87	40/1.41	PHG281A1221
1/4", M/F, NPT	High	255 psig (18 bar)	~35 SCFM	2.32	1.93		.87	40/1.41	PHG281ZH1221
3/8" F/F, NPT	Standard	255 psig (18 bar)	~38 SCFM	2.29			1.06	60/2.12	PHG281A1311
3/8" F/F, NPT	High	255 psig (18 bar)	~51 SCFM	2.29			1.06	60/2.12	PHG281ZH1311
3/8" M/F, NPT	Standard	255 psig (18 bar)	~38 SCFM	2.76	2.29		1.06	67/2.36	PHG281A1321
3/8" M/F, NPT	High	255 psig (18 bar)	~51 SCFM	2.76	2.29		1.06	67/2.36	PHG281ZH1321
1/2" F/F, NPT	Standard	255 psig (18 bar)	~107 SCFM	2.56			1.18	78/2.75	PHG281A1411
1/2" F/F, NPT	High	255 psig (18 bar)	~121 SCFM	2.56			1.18	78/2.75	PHG281ZH1411
1/2" M/F, NPT	Standard	255 psig (18 bar)	~107 SCFM	3.11	2.56		1.18	85/3	PHG281A1421
1/2" M/F, NPT	High	255 psig (18 bar)	~121 SCFM	3.11	2.56		1.18	85/3	PHG281ZH1421
3/4" F/F, NPT	Standard	255 psig (18 bar)	~144 SCFM	2.99		1.42	1.18	107/3.77	PHG281A1511
3/4" F/F, NPT	High	255 psig (18 bar)	~184 SCFM	2.99		1.42	1.18	107/3.77	PHG281ZH1511
1" F/F, NPT	Standard	255 psig (18 bar)	~184 SCFM	3.94		1.97	1.61	320/11.29	PHG281A1611
1" F/F, NPT	High	255 psig (18 bar)	~268 SCFM	3.94		1.97	1.61	320/11.29	PHG281ZH1611
2" F/F, NPT	- Contact us -	255 psig (18 bar)	~456 SCFM	- Contact us -					PHG281A1911

\*Other sizes and BSP connection available; please contact us to learn more.

\*\*Data available for other flow closing point pressures on [protectairusa.com](http://protectairusa.com).



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