

DryMix Processing

Aeration Pads I100

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Description ▼

Due to the semi-convex shape of the durable polymer I100 Aeration Pads, air is given off at a wide emission angle across the entire white surface.

Function ▼

Fluidisation or aeration equipment is used as a preventive measure. A variety of materials will show perfect mass flow as soon as a certain amount of air is added at regular intervals during discharging of the bin or silo and during the storing process. Aeration during storing prevents compaction and segregation. With I100 Aeration Pads the action is gentle (operating pressure of the pad = 0.2 bar). The air-enriched material gains the desired flowability. At the same time, possible tendencies of the product to bridge, rat-hole, go lumpy, or deposit are prevented. Long-term field experience with I100 Aeration Pads performing with partial pulse jet fluidisation (Pulse-Jet and Felder System) have shown that virtually all dust generating materials can be successfully fluidised.



Application ▼

In a single row installation, I100 Aeration Pads are widely used for materials such as cement. More sophisticated applications with alternately fed multiple rows are for example designed for lime where fluidisation is used not only during discharging of the silo but also to keep the material in motion during longer storage periods.

Benefits ▼

- ✓ **Durable;**
- ✓ **Easy to install;**
- ✓ **Maintenance-free.**



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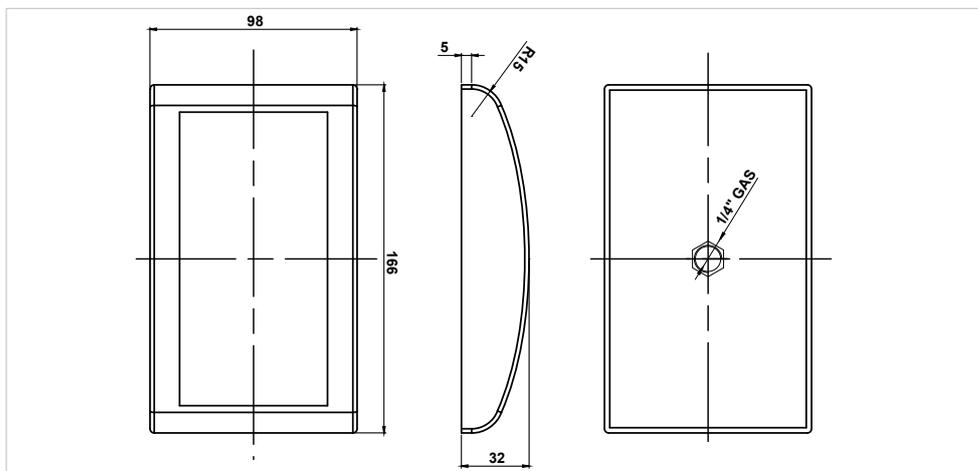
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Technical Features / Performance ▼

- ▶ Operating pressure: 0.2 bar (3 PSI)
- ▶ Air consumption: 0.12 m³/h (0.07 cfm) at 0.2 bar (2.9 PSI) in continuous duty
- ▶ Weight including cardboard box packing: 250 g (0.55 lbs)
- ▶ Suitable for cement, lime and similar dry and fine powdery materials

Overall Dimensions ▼



I100	Air consumption	
	0.2 bar (2.9 psi)	
	l/min	Cfm
	2	0.07

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