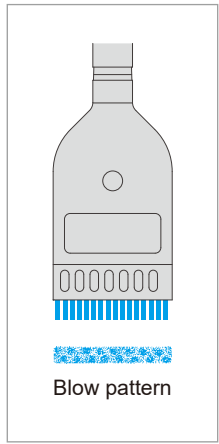




For compressors



- Air booster nozzle suitable for applications where flat blowing is required.
- The unique design creates a uniform and efficient air flow distribution.
- It produces a powerful, high impact air stream, while saving energy.
- Low noise level.
- 42 mm wide air nozzle generating an effective flat blow through 16 orifices.

Compressed air

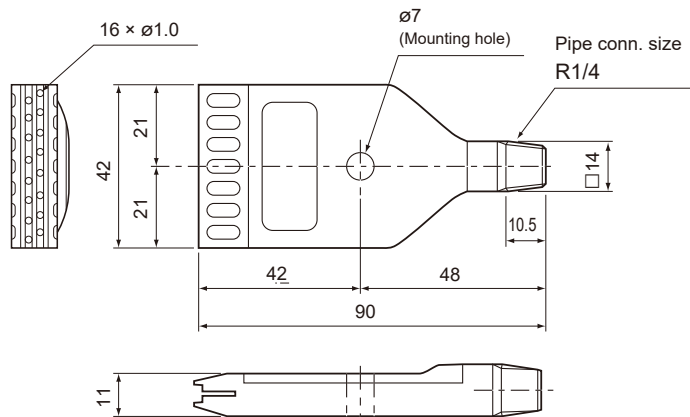
The metal version has been discontinued as of March 31, 2024. For an equivalent metal option with the same performance, please consider the TF-FS42 Series on Page 13–15.

	Material PPS	<h3>Operating range of PPS model</h3>
	Weight 30 g	
	Max. operating pressure** 0.7 MPa (100 psi)	
	Max. temperature** 80°C (170°F)	
	Noise level (at 0.3 MPa) 77 dBA	
	Air consumption (at 0.3 MPa) 440 L/min, Normal	

\*\*Heat resistance varies depending on the pressure applied. Blue colored area indicates the operating range of a PPS model.

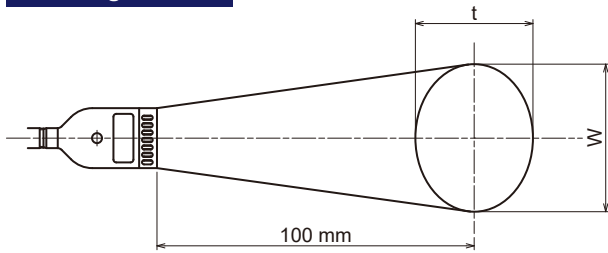
## Drawing

■ 1/4M TF-F 42-16-010 PPS



Unit: mm

**Blowing Pattern**



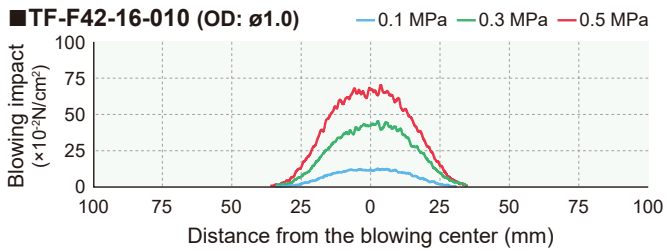
Air pressure (MPa)	Blowing width W (mm)	Thickness t (mm)
0.1	50	50
0.3	55	50
0.5	55	50

**Noise Level** at a distance of 1,000 mm

Background noise: 46 dBA

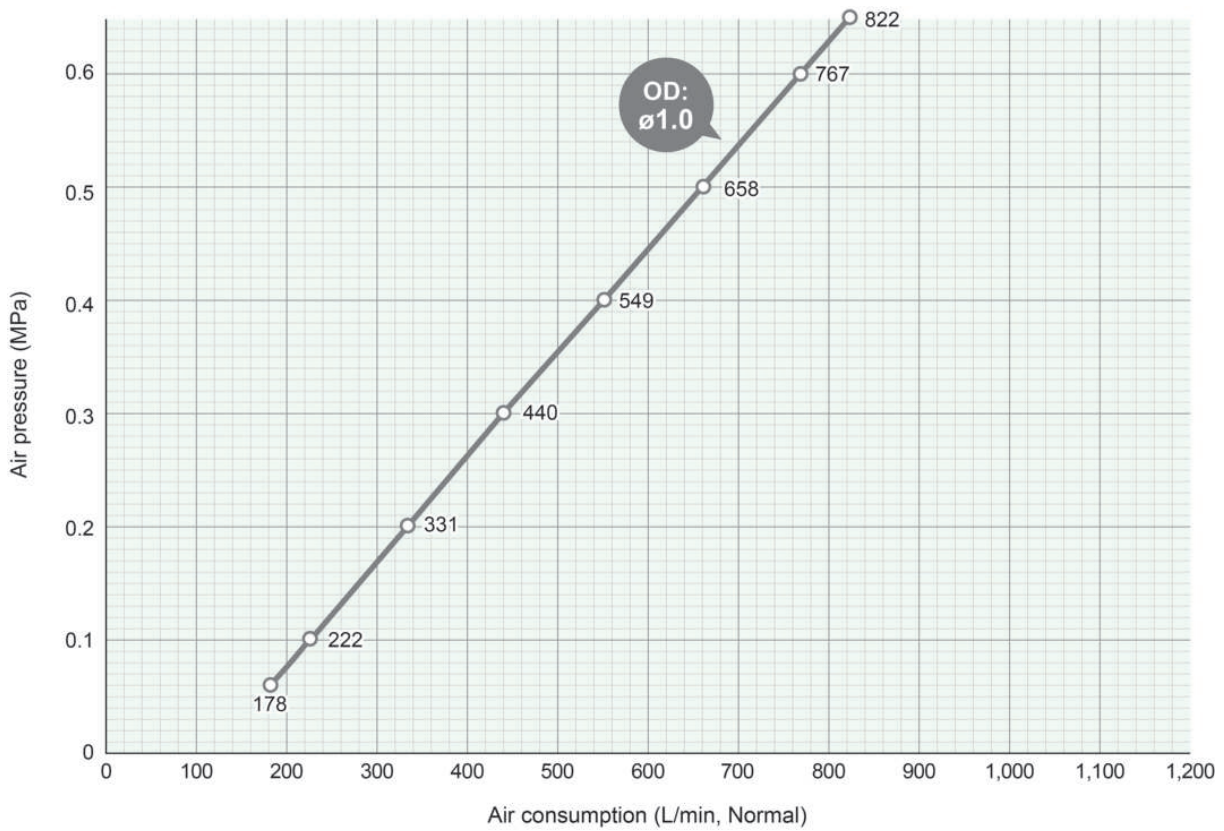
Orifice diameter	Pressure (MPa)	Noise level (dBA)
ø1.0	0.1	64
	0.3	77
	0.5	84

**Blowing Impact Distribution** at 100 mm below the nozzle orifice



(OD = Orifice Diameter)

**Air Consumption**



**HOW TO ORDER**

Please inquire or order for a specific nozzle using this coding system.

**1/4M(PT) TF-F 42-16-010 PPS**

Thread Type

- (PT)
- (NPT)