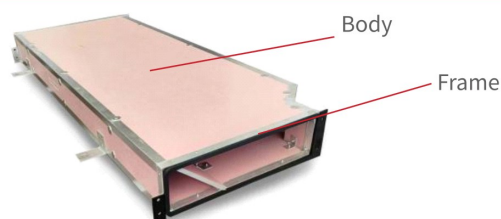


# AIR DUCT

## OVERVIEW ▶▶▶

Convey and distribute air of the ventilation system.

## STRUCTURE AND THE FUNCTION ▶▶▶

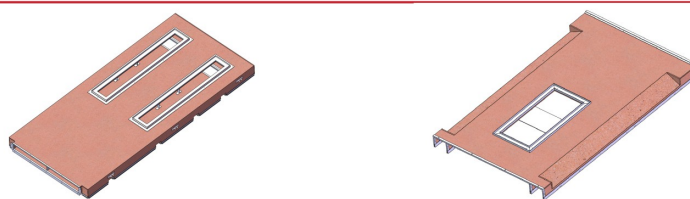


1. **Body** consists of fiber reinforced resin foam material.
2. **Frame** is made of aluminum alloy, which connects the adjacent air duct.

## MAIN CHARACTERISTIC ▶▶▶

- Foam density ranges 75~200kg/m<sup>3</sup> to meet various lightweight demands.
- Sound insulation reaches over 18dB, effectively reduce noise of the ventilation system.
- Meet the requirements of EU banned and restricted substances; material fire hazard level meets UL94-V0 and EU EN45545-2 HL3.
- The outer surface is coated with a smooth epoxy resin layer, and the water absorption rate is less than 2%.
- Design life: 30 years.

## TYPICAL TYPE ▶▶▶



## CAPABILITIES ▶▶▶

- Conduct all required tests defined by EN45545-2, ISO 8302, ISO 9142, IEC 61373, RoHS, REACH.
- Design & manufacture: according to customer's requirements.

## PLEASE FILL THE TABLE BELOW FOR ANY ENQUIRE ▶▶▶

Train type	<input type="checkbox"/> Intercity; <input type="checkbox"/> Regional; <input type="checkbox"/> Suburban; <input type="checkbox"/> Inner city; <input type="checkbox"/> High speed train; <input type="checkbox"/> Other				
Operation area	Country/city				
Air volume	m <sup>3</sup> /h		Wind speed	m/s	
E-mail					

Product details can be found in website: <http://www.zztmt.com/zztmt/>

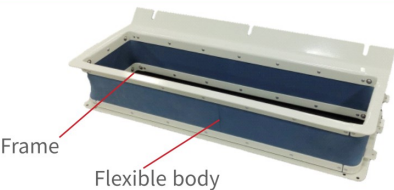


# FLEXIBLE AIR CONDITIONER DUCT

## OVERVIEW ▶▶▶

Connect air conditioning unit with air duct.

## STRUCTURE AND THE FUNCTION ▶▶▶



- 1. **Flexible body** consists of silicone foam material to accommodate displacement between adjacent parts.
- 2. **Frame** is made of aluminum alloy, which connects adjacent parts.

## MAIN CHARACTERISTICS ▶▶▶

- Deflection capability: up to 30-40mm in three directions.
- Foam density: 400~600kg/m<sup>3</sup>.
- Deformation: compression permanent deformation (70°C, 22h) < 5%.
- Temperature range: -55°C~+200°C.
- Material fire hazard level: EN45545-2 HL3.
- Design life: 15 years.

## TYPICAL TYPES ▶▶▶



## CAPABILITIES ▶▶▶

- Conduct all required tests defined by EN45545-2, ISO 8302, ISO 9142, IEC 61373, RoHS, REACH.
- Design & manufacture: according to customer's requirements.

## PLEASE FILL THE TABLE BELOW FOR ANY ENQUIRE ▶▶▶

Train type	<input type="checkbox"/> Intercity; <input type="checkbox"/> Regional; <input type="checkbox"/> Suburban; <input type="checkbox"/> Inner city; <input type="checkbox"/> High speed train; <input type="checkbox"/> Other				
Operation area	Country/city				
Air volume	m <sup>3</sup> /h		Wind speed	m/s	
Maximum deflection	mm	X	Y	Z	
E-mail					

Product details can be found in website: <http://www.zztmt.com/zztmt/>