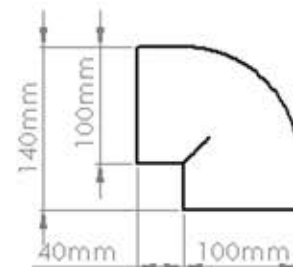
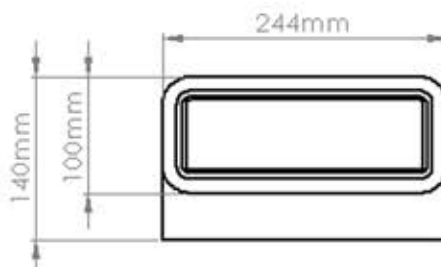
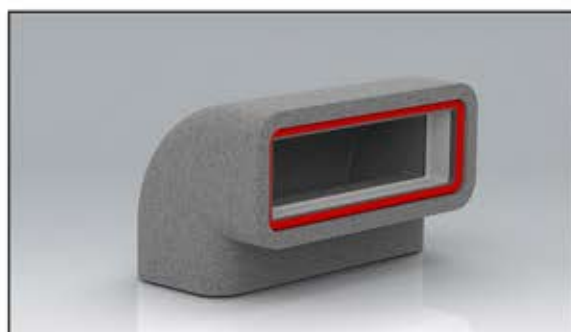


# PRODUCT DATA SHEET

## SST-204-90VB-IND

Rapid Self-Seal Thermal 204x60mm 90° Vertical Bend



MANUFACTURER:	VERPLAS LTD
PART NUMBER:	SST-204-90VB-IND
SIZE:	204x60mm
FOR USE WITH:	VERPLAS THERMAL 204
BOX QUANTITY:	8
INDIVIDUAL WEIGHT:	190g
COLOUR	Grey
MIN OPERATING TEMP	-15°C
MAX OPERATING TEMP	+60°C
THERMAL RESISTANCE	0.666 m <sup>2</sup> K/W
THERMAL CONDUCTIVITY	0.03 W/mK

### SPECIFICATION DETAILS

The Verplas Self-Seal Thermal SST-204-90VB-IND insulated fitting is manufactured from graphite impregnated expanded polystyrene (EPS) with a minimum density of 25kg/m<sup>3</sup> and provides a free area of 12,232 mm<sup>2</sup>. The SST-204-90VB-IND is supplied with self-seal female couplings that allow the ducting fitted with a Duct to Fitting Connector to be plugged into the fitting apertures with a push, click and lock mechanism.

The Self-Seal female couplings are manufactured from prime High Impact Polystyrene and a Thermoplastic Elastomer Dynamic Sealing Gasket.

The EPS material is fully tested to meet the thermal conductivity requirements of BASF-EN13163 to assist with the prevention of condensation and is flame retardant to DIN 4102-B1.

The patented push, click and lock mechanism provides a low leakage solution which exceeds the requirements set out in DW/143 Class A leakage test and DW/154 ductwork standards.

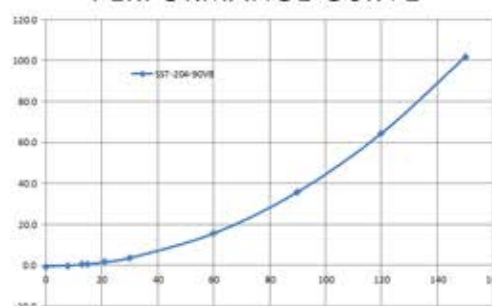
The Self-Seal Thermal is compliant with the requirements outlined in the Energy performance characteristics database for use in SAP with MVHR and MEV supply and extract ventilation systems.

### AIRFLOW RESISTANCE

8 l/s	-0.10 pa
13 l/s	0.30 pa
21 l/s	1.50 pa
30 l/s	3.60 pa
60 l/s	15.60 pa
120 l/s	64.40 pa

### PERFORMANCE CURVE

Pressure Loss  
Pascals  
(Pa)



AIRFLOW RATE  
(L/S)

### Associated Ancillaries

- SST-204-2M-IND  
204x60mm Rapid Self-Seal Thermal 2m Flat Channel
- SST-204-45VB-IND  
204x60mm Rapid Thermal Self-Seal 45° Vertical Bend
- SST-204-90HB-IND  
204x60mm Rapid Self-Seal 90° Horizontal Thermal Bend



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