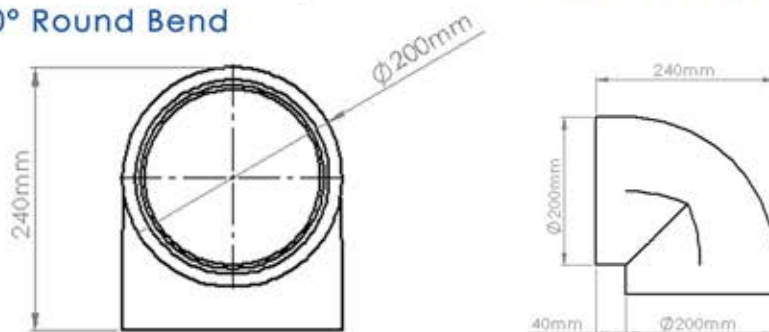


# PRODUCT DATA SHEET

## SST-160-90B-IND

Rapid Self-Seal Thermal 160mmØ 90° Round Bend



MANUFACTURER:	VERPLAS LTD
PART NUMBER:	SST-160-90B-IND
SIZE:	160mmØ
FOR USE WITH:	VERPLAS THERMAL 160
BOX QUANTITY:	6
INDIVIDUAL WEIGHT:	230g
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-160-90B-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 20,108 mm<sup>2</sup>. The SST-160-90B-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.

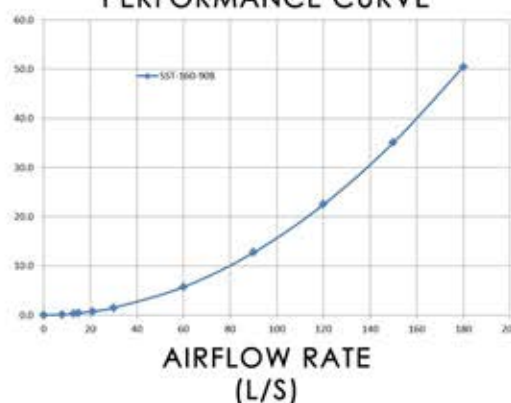
The patented push, click and lock mechanism provides a low leakage solution which exceeds the requirements set out in DW/143 Class A leakage test and DW/154 ductwork standards.

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	0.80 pa
30 l/s	1.50 pa
60 l/s	5.70 pa
120 l/s	22.50 pa

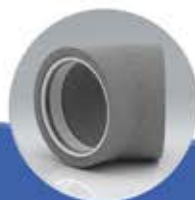
### PERFORMANCE CURVE

Pressure  
Loss  
Pascals  
(Pa)



### Associated Ancillaries

- SST-160-45B-IND  
160mmØ 45° Round Rapid Thermal Self-Seal Bend
- SST-160-1M-IND  
160mmØ Rapid Thermal Self-Seal 1m Pipe
- SST-160-90B-IND  
160mmØ Rapid Self-Seal Thermal T-Piece



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