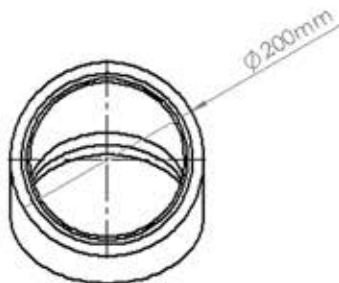


# PRODUCT DATA SHEET

## SST-160-45B-IND

Rapid Self-Seal Thermal 160mmØ 45° Round Bend



MANUFACTURER:	VERPLAS LTD
PART NUMBER:	SST-160-45B-IND
SIZE:	160mmØ
FOR USE WITH:	VERPLAS THERMAL 160
BOX QUANTITY:	6
INDIVIDUAL WEIGHT:	180g
COLOUR	Grey
MIN OPERATING TEMP	-15°C
MAX OPERATING TEMP	+60°C
THERMAL RESISTANCE	0.666 m²K/W
THERMAL CONDUCTIVITY	0.03 W/mK

### SPECIFICATION DETAILS

The Verplas Self-Seal Thermal SST-160-45B-IND insulated fitting is manufactured from graphite impregnated expanded polystyrene (EPS) with a minimum density of 25kg/m³ and provides a free area of 20,108 mm². The SST-160-45B-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.

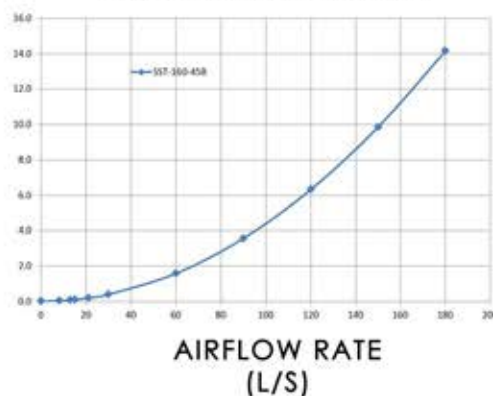
The Self-Seal Thermal is compliant with the requirements outlined in the Energy performance characteristics database for use in SAP with MVHR and MEV supply and extract ventilation systems.

### AIRFLOW RESISTANCE

8 l/s	0.00 pa
13 l/s	0.10 pa
21 l/s	0.20 pa
30 l/s	0.40 pa
60 l/s	1.60 pa
120 l/s	6.30 pa

### PERFORMANCE CURVE

Pressure Loss  
Pascals  
(Pa)



### Associated Ancillaries

- SST-160-TP-IND 160mmØ Round Rapid Thermal Self-Seal T-Piece
- SST-160-1M-IND 160mmØ Rapid Thermal Self-Seal 1m Pipe
- SST-220-PL-IND 220x90mm to 125mmØ Rapid Self-Seal Thermal Plenum



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