

# ABS PIPE 3M

(ABS008/25 - 3m)



**BISSON**  
THE PIPE FITTINGS EXPERTS

3 Meter ABS 25mm aspirating smoke detection pipes EN54 - 20 Approved. Pipe is designed for aspirating re detection only.

## Installation Instructions:

Do not bend the pipe. Do not paint. Keep pipe clean and free from dust. Do not install in direct sunlight. Pipe clips are required every 800mm Only install with approved fittings. Do not use solvents to clean, only soapy water. Only use approved pipe plastic cutters to cut the pipe. Ensure that pipe cutters are sharp. When ambient temperatures outside are 15°C to 25°C use pipe expansion joints. working temperatures between -40°C to +70°C.

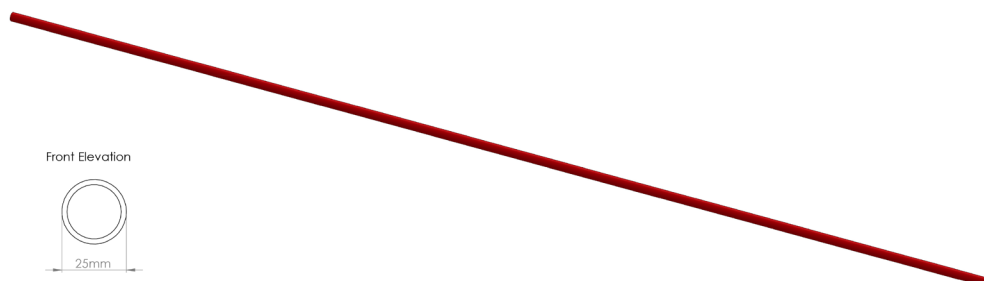
<b>PART NO.:</b> ABS008/25 - 3m	<b>TEXT COLOUR:</b> Black	<b>TEST BY BSI TO:</b> EN54-20:2006 Clause 5.7	<b>TEXT DESCRIPTION</b> FIRE ALARM AIR SAMPLING PIPE - DO NOT CUT OR PAINT
<b>FITTINGS COLOUR:</b> Red	<b>DIAMETER TOLERANCE:</b> + / - 0.15mm	<b>TEST REPORT</b> 2381/74533753	

## Bracket Spacing Intervals

Plastic pipe lines require regular support, and the spacing of clips or brackets depends on the pipe used, temperature and density of the liquid carried.

### 25mm pipe size bracket spacing in meters

20°C	30°C	40°C	50°C	60°C	70°C
1.00	0.95	0.85	0.75	0.70	0.60



Front Elevation



Side Elevation



## RAW MATERIAL DATA

### Physical

Specific Gravity:  
Test Method ASTM D792

### Melt Mass - Flow Rate (MFR)

200C/5.0Kg 2.6g/10 min  
220C/10Kg 33g/10min  
Test Method ASTM D1238

### Moulding Shrinkage

Flow 0.0040 to 0.0070 in/in  
Test Method ASTM D955

### Mechanical

Tensile Strength  
Yield 5510psi 0.118 in (3.00mm)  
Tensile Elongation: 22%  
Break 0.118 IN (3.00mm)  
Test Method ASTM D638

### Flexural Modulus

284000psi 0.236 in (6.00mm)  
Test Method ASTM D790

### Flexural Strength

8390psi 0.236 in (6.00mm)  
Test Method ASTM D790

### Impact

Notched IZOD Impact  
73F (23C) 0.118 in (3.00mm)  
4.6ft-lb/in  
73F (23C) 0.236 in (6.00mm)  
3.3ft-lb/in  
Test Method ASTM D256

### Hardness

Rockwell Hardness (R-Scale)  
103  
Test Method ASTM D785

### Thermal

Deflection Temperature Under Load 264psi (1.8 MPa) Unannealed 181/83t  
Viscous Softening Temperature 214/101t  
Test Method ASTM D1525

### Flamability

Flame Rating  
0.0630 in 1.60mm HB  
Test Method UL94

