

# PIPE CLIP

(ABS004 - 25/27mm)



**BISSON**  
THE PIPE FITTINGS EXPERTS

Aspirating smoke detection pipe clip, Designed to support both 25mm and 27mm aspirating detection smoke pipe. The clip has a flexible side wall which allows the clip to open wide enough to allow the pipe to be placed within its circular cavity. The clip secures the pipe when closed. The clip can be reopened by using an edged tool to wedge open the top of the clip which releases the pipe. Please note that more the clip is opened and closed, slight discolouration may appear on the side wall.

## Installation Instructions:

For use to fix to any flat surface (Wall, Ceiling, Floor etc.) Do not install in direct sunlight. Pipe clips are required every 800mm along the length of pipe. Only install with approved things and EN54-20 ABS Pipe. Do not use solvents to clean, only soapy water. When ambient temperatures are outside 15°C-25°C use pipe expansion joints.

The clip is made from polypropylene and therefore should NOT be installed where the temperatures would be lower than -5 degree C, particularly in chill or cold stores, the upper temperature limit is +70 degrees C, this clip allows the pipe to contract/expand to ambient temperatures, we advise the use of expansion joints at the after +30 degrees C.

### 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

PART NO.:  
ABS004

PIPE COLOUR:  
Red

DIAMETER  
TOLERANCE:  
+ / - 0.15mm'

