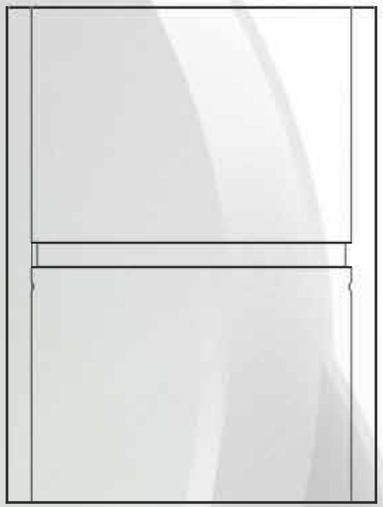
BISSON
THE PIPE FITTINGS EXPERTS

JOINTING SOCKET

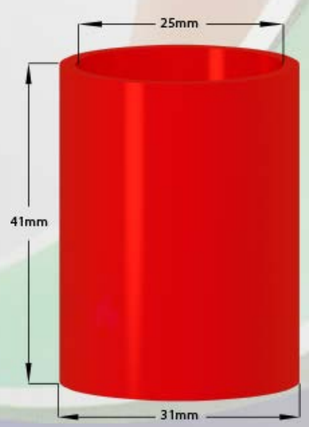
(ABS005 - 25mm)

Connects two pieces of aspirating smoke detection pipe together.
This device is designed for aspirating fire detection only.

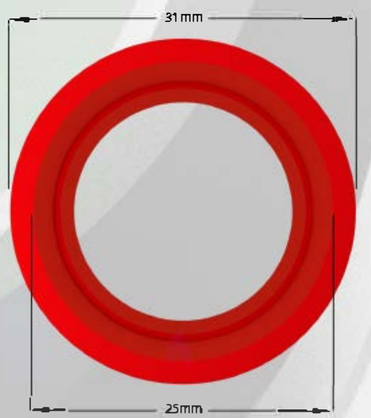
Installation Instructions:
Use the correct solvent Plusbond 3019. Do not paint. Keep pipe clean and free from dust. Do not install in direct sunlight. Only install with approved pipe. Do not use solvents to clean, only soapy water.



Side Elevation



Front Elevation



Operating Temperature:	**-40°C to 70°C**
Pipe Colour:	**RED**
Diameter Tolerance:	**+/- 0.15mm**
Wall Thickness:	**2.75mm**
Outside Diameter:	**30.5mm**
Inside Diameter:	**25mm**
Weight:	**10.7 Grams**

RAW MATERIAL DATA

Styrene ABS 780
Acrylonitrile Butadiene Styrene

Physical:
Specific Gravity 1.04
Test Method ASTM D792

Melt Mass - Flow Rate (MFR)
200°C/21.6 kg 47 g/10 min
200°C/5.0 kg 4.1 g/10 min
220°C/10.0 kg 34 g/10 min
Test Method ASTM D1238

Molding Shrinkage -
Flow 0.0040 to 0.0070 in/in
Test Method ASTM D955

Mechanical:
Tensile Strength
Yield, 73°F (23°C)
1.97 in (50.0 mm)
6470 psi
Test Method ASTM D638

Tensile Elongation
Yield, 73°F (23°C)
1.97 in (50.0 mm) 1.5%
Test Method ASTM D638

Flexural Modulus
Yield, 73°F (23°C)
0.118 in (3.00 mm)
312000 psi
Test Method ASTM D638

Flexural Strength
Yield, 73°F (23°C)
0.118 in (3.00 mm)
9230 psi
Test Method ASTM D790

Impact
Notched Izod Impact
73°F (23°C), 0.126 in (3.20 mm), 5.5 ft-lb/in
73°F (23°C), 0.252 in (6.40 mm), 4.8 ft-lb/in
Test Method ASTM D256

Hardness
Rockwell Hardness (R-Scale) 108
Test Method ASTM D785

Thermal
Deflection Temperature Under Load
264 psi (1.8 MPa), Unannealed 185°F/85°C
Test Method ASTM D648

Vicat Softening Temperature 205°F/95°C
Test Method ASTM D1525

Flammability
Flame Rating
0.0866 in (1.80 mm) HB
0.0866 in (2.20 mm) HB
0.126 in (3.20 mm) HB
Test Method UL 94

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