ABS PIPE 2.4M

(ABS008/27 - 2.4m)



2.4 Meter ABS 27mm 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 ttings. 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.

PART NO.: ABS008/27 - 2.4m

FITTINGS DIAMETER
COLOUR: TOLERANCE:

Red + / - 0.15mm'

TEXT COLOUR:

Black EN54-20:2006 Clause 5.7

TEST REPORT 2381/74533753

TEST BY BSI TO:

TEXT

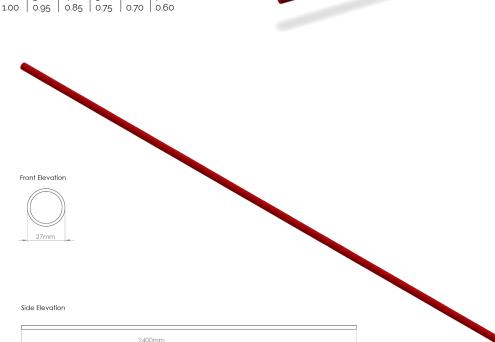
DESCRIPTION
FIRE ALARM AIR
SAMPLING PIPE DO NOT CUT OR
PAINT

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



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 Viscal Softening Temperature 214/101t Test Method ASTM D1525

Flamability

Flame Rating 0.0630 in 1.60mm HB Test Method UL94

