



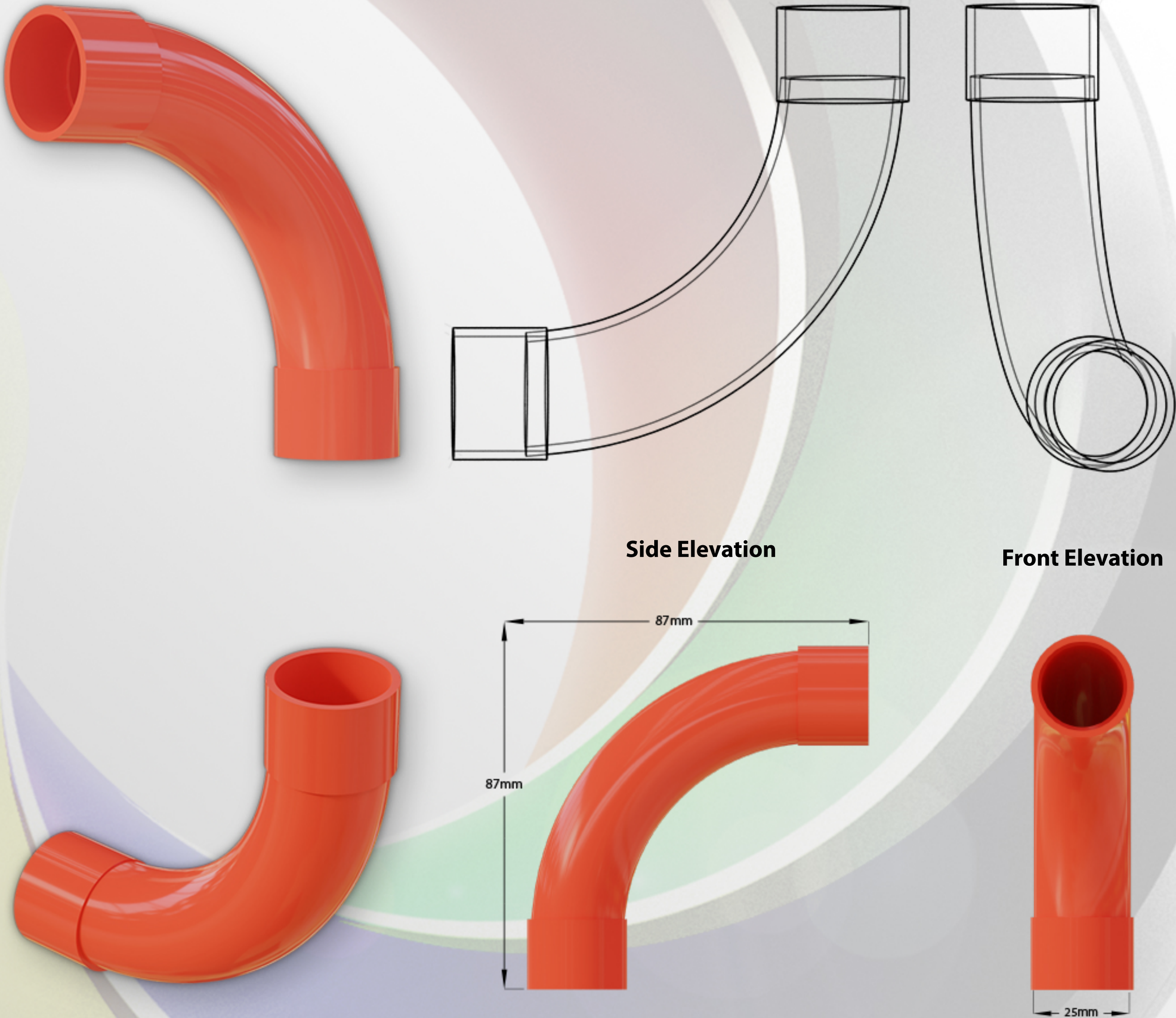
90° SWEEPING BEND

(ABS001 - 25mm)

Designed for changing the direction of a pipe run a degree's on an aspirating smoke detection pipe network. Pipe 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.

Part No. **ABS001**
Pipe colour **RED**
Diameter Tolerance **+/- 0.15mm**



RAW MATERIAL DATA
Kumho ABS 750 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 (50.0mm) 6670 psi Test Method ASTM D638 Tensile Elongation Yield, 73°F (23°C) 1.97 in (50.0 mm), 15% 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), Unanneald 185°F/85°C Test Method ASTM D648 Vicat Softening Temperature 203°F/95°C Test Method ASTM D1525 Flamability Flame Rating 0.0630 in (1.60 mm) HB 0.0866 in (2.20 mm) HB 0.126 in (3.20 mm) HB Test Method UL 94

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