



90° SWEEPING BEND

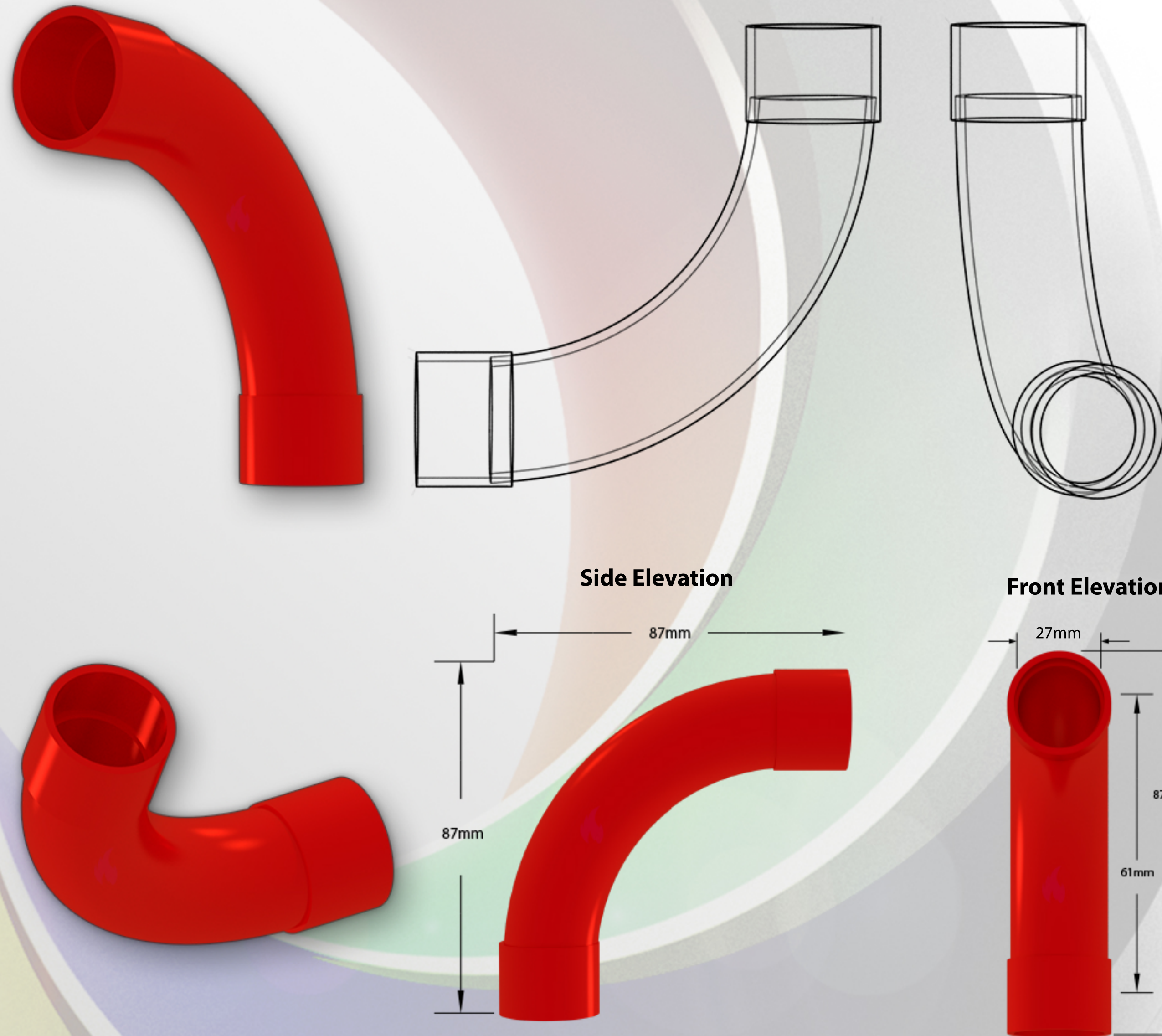
(ABS001 - 27mm)

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 - 27mm
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

Flamibility
 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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