

Co2 2KG FIRE EXTINGUISHER PRODUCT DATA SHEET

1. PRODUCT OVERVIEW

1	Brand Name	AUREX
2	Model Number	AIC-2001
3	Extinguisher Type	Co2 Stored pressure (portable)
4	Capacity	2 KG
5	Fire Classification	Class B / C
6	Fire Rating	21B
7	Coverage Area	2 Meters for 9 sec. Minimum
8	Compliance Standard	IS 15683:2018

2. STANDARD MATERIAL OF CONSTRUCTION

1	Cylinder thickness	4 MM low carbon M.S. sheet
2	Discharge valve	Wheel type , ISI Marked
3	Syphon tube	Aluminium
4	Discharge horn	None-confuctor polyethylene fibre glass
5	hose	Bend and horn type
6	External coating	Ultracoat EP poly
7	Wall mounting bracket	MS Powder coated

3. PERFORMANCE & ROUTINE TEST

1	Minimum Discharge Duration	95% minimum within 9 sec.
2	Effective Discharge Reach	2 Meter
3	Hydraulic Pressure Test	105 BAR
4	Bursting Pressure Test	225 BAR
5	Working Pressure	60 BAR
6	Operating Temperature Range	-30°C to +60°C
7	Type Test Standard	IS 16018 : 2012

4. TESTING & QUALITY ASSURANCE

1	Hydrostatic pressure evaluation	Passed
2	Leakage integrity assessment	Passed
3	Bursting Pressure endurance Test	Passed
4	Corrosion resistance & durability check	Passed

5. CERTIFICATIONS & COMPLIANCE

1	BIS Regulatory endorsement	Passed
2	IS 15683 : 2018 Certificate	Passed
3	ISO 9001 : 2015 Accreditation	Passed

6. PHYSICAL DIMENSIONS & WEIGHT

1	Height	580 +- 10 mm
2	Cylinder diameter	108 +- 5 mm
3	Empty weight	Approx 6.5 kg
4	Filled weight	Approx 8.5 kg

7. Maintenance & Serviceability

1	Inspection & testing frequency	As per IS standard 2190
2	Scheduled maintenance	Annual services recommended
3	Refilling Interval	Every 5 years
4	Operational lifespan	15 Years (under optimal storage condition)